

GOVERNMENT OF SINDH



BASIC
SCHEDULE OF RATES - 2022

ENFORCED WITH EFFECT FROM

7TH JULY 2022

STANDING RATES COMMITTEE SINDH, KARACHI

FOREWORD

Infrastructure development in public sector includes construction and improvement of all essential systems and facilities that allow the smooth flow of an economy's day to day activities and enhance the people's standard of living. It includes basic facilities such as roads, water supply, buildings, electricity and telecommunication. The hard infrastructure relies on supply of materials, equipment, wages for manpower and transportation.

The Standing Rates Committee (SRC) of Government of Sindh has been notifying rates of essential materials, equipment, mechanical / electrical items and wages since 1976. The latest reconstitution of SRC was approved through a summary to Chief Minister Sindh on 17th May 2021. Since then SRC has notified interim relief for basic items of buildings, highways and public health engineering.

It is a great honour for Planning & Development Department to host SRC for revision of Composite Schedule of Rates (CSR). I congratulate the SRC team headed by Member Energy & Infrastructure, Planning & Development Board for their untiring efforts and dedication to make it possible despite their regular official engagements. This was especially more tedious task as the last revision of CSR took place way back in 2012. In this context, the SRC had to ensure incorporating inflation factor for materials price as well as account for new construction materials, techniques and technologies.

It is worth mentioning here that during the process of CSR revision, SRC, Nation Building Departments and P&D Department worked in synch for counterchecking the data. SRC kept P&D Board updated about the work being done by them and incorporated input provided. I am sure that the final version of the new CSR is an improved product and will be beneficial to all the concerned.

In the end, I am pleased to share with you this revised CSR 2022 which will particularly facilitate all Nation Building Departments of public sector and the private sector in general. I am sure that the present SRC team will ensure timely revision of new CSR in future with the help of digital technologies.



SYED HASSAN NAQVI
Chairman,
Planning & Development Board,
Government of Sindh

PREFACE

Standing Rates Committee (SRC) is responsible to prepare Composite Schedule of Rates (CSR) based on rates of different materials and their Rate Analyses (RAs). SRC can also notify amendments in CSR from time to time in the light of market rates. Another important function of SRC is to define the specifications of materials as well as add or delete material items in CSR in the light of technological changes happening in the market.

The SRC was established on 1st March 1972 by Government of Sindh under the chairmanship of Additional Secretary, Finance Department and the 1st Schedule of Rates was published by SRC in May 1976. Since then SRC has been reconstituted time to time and has been involved in revision of CSR. The latest reconstitution of SRC was approved by the Chief Minister Sindh in May 2021. The reconstituted SRC is now chaired by Member Energy & Infrastructure, Planning & Development Board, Government of Sindh.

After reconstitution, 1st meeting of SRC was held on 14th October 2021. Since then nine meetings of SRC have been held. The SRC notified interim relief through difference of cost on 4 basic items of construction in December 2021. Subsequently, interim relief for 07 Highway items and 175 Public Health Engineering related items was notified in February 2022. However, the main task for SRC was to update the CSR which was last revised in 2012. For this purpose, the Technical Committee of SRC was constituted in January 2022 under the chairmanship of Mr Hassan Askari, Superintending Engineer, Education Works, Karachi.

The Technical Committee started its work on war footings in collaboration with Chief Engineers of National building Departments for their feedback on ex-factory rates of various items, Rate Analysis (RAs) and wages. The recommendations of Technical Committee were regularly reviewed by SRC and after a laborious effort the CSR has been successfully updated.

I cannot complete this preface without acknowledging the hard work extended by the Technical Committee and SRC members. The data entry and analysis team and staff of Research & Training Wing of Planning & Development Department were instrumental in meeting this gigantic task. The Chief Engineers and engineering teams of Nation Building Departments deserve recognition as they provided valuable input and suggestions. Last but not the least, how can I forget the support extended by Chairman Planning & Development Board who not only provided the requisite human resource and space but took personal interest to hold periodic reviews regarding the progress made by SRC on CSR.



Dr GUL MOHAMMAD LAGHARI
Chairman SRC / Member Energy & Infrastructure,
Planning & Development Board,
Government of Sindh

REPORT FROM CONVENER / CHAIRMAN

TECHNICAL COMMITTEE OF SRC

Recently, with an intention to address the constant complaints of the contractors and officials of Nation Building Departments, regarding the abnormal hike in the price of Steel, Cement, Wood, Bricks, Bitumen, POL, Wages of labours etc a meeting of Standing Rates Committee was held and unanimously decided to takup the revision of Basic Schedule of Rates 2011 and Composite Schedule of Rates 2012. In this regards a Technical Committee comprising of the Engineers of Nation Building Departments was constituted to work on war footings and prepare New Schedule of Rates 2022

In order to work expeditiously the support of I.T. personnal, Computers and other hardware was required. The Chairman Standing Rates Committee requested the Chairman Planning & Development Board to facilitate the Technical Committee. The Chairman Planning & Development Board was kind enough and provided an exclusive air conditioned office with 12 I.T. personnal equiped with computers and other necessary hardware.

From 2012 there was a significant rise in the wages of labours, due to price hike in the price of POL the carriage of materials increased upto a great extent. Moreover the input materials used in the construction industry were also increased. The Committee approached the Chief Engineers of Nation Building Departments and requested them to provide the Current Market Rate (CMR) of wages, POL and input materials used in Civil, Mechanical and Electrical fields and the Rate Analysis of all the items which required to be incorporated in the Composite Schedule of Rates 2022.

The Chief Engineers took keen interest and provided the Current Market Rates of all items and the efforts and contribution of Chief Engineers specially Mr. Ayub Junejo, Mr. Khalil Shaikh, Mr. Ahmed Ali Shah, Mr. Akhter Dawich, Mr. Saleem Shaikh, Mr. Barkat Ali Khawaja & Syed Sardar Shah in highly appreciated.

Another important item was the preparation of Rate Analysis of existing item present in CSR and adoption of New Items in CRS 2022. In this regards valuable input was provided by Superintending Engineers Mr. Asim Hussain, Mr. Arshad Bhutto, Mr. Abdul Salam Memon, Mr. Yousuf Bhutto, Mr. Asadullah Shaikh, Mr. Jawaid Chundrigar, Mr. Sabir Ali Memon and Mr. Rizwan Haider.

The Executive Engineers of Nation Building Departments have also played a vital role and contribution of Executive Engineers Mr. Khalid Zafar Shaikh, Mr. Tanweer Kalwar, Mr. Parkash Lal and Mr. Riaz Memon is highly appreciated.

The Technical Committee has convened many meetings to discussed at length to cover up all the loop holes in previous Composite Schedule of Rates 2012 and also kept close eye in revising the Composite Schedule of Rates 2022 in all respect. It has also introduced and incorporated many new items in the Composite Schedule of Rates 2022 which are being used by all the Provincial Engineering Departments for proper execution of work at site.

In the end I feel great pleasure the contribution made by each of the members specially Mr. Khalil Ahmed, Mr. Khalid Shakoor, Mr. Shah Nawaz Hamirani, Mr. Kamran Ahmed who worked days and nights with zeal and zest to finalize the basis Schedule of Rates and Composite Schedule of Rates 2022.



(Engineer Hasan Askari)

Convenor / Chairman

Technical Committee of SRC

and Superintending Engineer

School Education & Litarcy Department

Government of Sindh

COMPOSITION OF STANDING RATES COMMITTEE SINDH

1 Dr. Gul Mohammad Laghari,
Chairman Standing Rate Committee Sindh,
Member (Energy & Infrastructure),
Planning & Development Board Karachi.

2 Mr. Ghulam Muhammad Shaikh,
Chief (PP&H), P&D Department,
Government of Sindh Karachi.

3 Mr. Sikandar Ali Shaikh,
Chief (T&C), P&D Department,
Government of Sindh Karachi.

4 Syed Hasan Askari,
Superintending Engineer,
Education Works Circle-I,
School Education & Literacy Dpartment,
Government of Sindh Karachi.

5 Mr. Abdul Razzaque Junejo,
Chief Engineer,
Karachi Metropolition Corporation,
Karachi.

6 Mr. Abdullah Burgri,
Superintending Engineer,
Small Dams Organisation Sindh.
Hyderabad.

7 Mr. Barkat Ali Khawaja,
Superintending Engineer,
Public Health Engineering Depatment.
Karachi

8 Mr. Arshad Hussain Bhutto,
Superintending Engineer, (Buildings)
Provincial Buildings Circle,
Works & Services Department, Sindh
Karachi.

9 Mr. Abdul Salam Memon,
Director (Highways),
Works & Services Depatment
Hyderabad.

10 The Deputy Secretary (Dev),

Finance Department,
Government of Sindh Karachi.

11 Mr. Prem Kumar,

Superintending Engineer,
Local Govt. Department Karachi.

12 Mr. Asadullah Shaikh,

Project Director, Project Management Unit (PMU),
Prisons Department, Sindh.

13 Mr. Jamal Yousuf,

Senior Director,
Traffic Engineering Bureau,
Karachi Development Authority.

14 Mr. Zafar Palejo,

Project Director,
Karachi Water & Sewerage Board.

15 Mr. Syed Wasi Uddin,

Director Works & Services,
Services Department
NED University Karachi.

COMPOSITION OF TECHNICAL COMMITTEE OF SRC

- 1 Syed Hasan Askari,**
Convener / Chairman Technical Committee (SRC)
Superintending Engineer,
Education Works Circle-I,
School Education & Literacy Department,
Government of Sindh Karachi.
- 2 Mr. Zafar Palejo,**
Project Director
Karachi Water & Sewerage Board.
Karachi.
- 3 Mr. Yousuf Bhutto,**
Superintending Engineer (Buildings),
Works & Services Department,
Government of Sindh Karachi.
(District Thatta).
- 4 Mr. Ghous Bux Abbasi,**
Superintending Engineer,
Works & Services Department,
Road Sector Development Directorate,
Government of Sindh Karachi.
- 5 Mr. Sabir Ali Memon,**
Design Officer
Public Health Engineering Department,
Government of Sindh Hyderabad.
- 6 Mr. Abdul Wahid Kundhar,**
Executive Engineer,
Mirpurkhas Drainage Division,
Irrigation Department,
Government of Sindh.
- 7 Mr. Shah Nawaz Hamirani,**
Assistant Engineer (Highways),
Works & Services Department,
Government of Sindh Hyderabad.
- 8 Mr. Khalil Ahmed,**
Assistant Engineer,
School Education & Literacy Department,
(Co-opt Member),
Government of Sindh Karachi.
- 9 Mr. Khalid Shakoor,**
Assistant Engineer,
School Education & Literacy Department,
(Co-opt Member),
Government of Sindh Karachi.

CONTENTS

- 1 Schdule of Rates (Wages), Vol-III, Part-I
7th Edition-2022, Publication No.57
- 2 Schdule of Rates (Carriages), Vol-III, Part-II
7th Edition-2022, Publication No.58
- 3 Schdule of Rates for (Materials)- General Items, Vol-III, Part-III
7th Edition-2022, Publication No.59
- 4 Schdule of Rates for (Materials)-, Vol-III, Part-IV for Public Health
Engineering Items, 7th Edition-2022, Publication No.60
- 5 Schdule of Rates for (Materials)-, Vol-III, Part-V for Water Supply &
Sanitary Items (Internal Fitting), 7th Edition-2022, Publication No.61
- 6 Schdule of Rates for (Materials)-, Vol-III, Part-VI for Electrical Items of
Works , 2nd Edition-2022, Publication No.62

GOVERNMENT OF SINDH



SCHEDULE OF RATES

SCHEDULE OF RATES (WAGES)

VOLUME-III, PART-I

SEVENTH EDITION – 2022

PUBLICATION No. 57

CONTENTS

SCHEDULE OF RATE (WAGES) VOLUME-III, PART-I SEVENTH EDITION - 2022 PUBLICATION No. 57

S.No	DISCRIPTION	PAGE NO.
	<u>(A) LABOUR (CIVIL TRADE)</u>	
1	Un-skilled	1
2	Semi skilled	1
3	Skilled Grade -II	1
4	Skilled Grade - I	2
5	Miscellaneous	2 - 3
	<u>(B) LABOUR (MECHANICAL TRADE)</u>	
1	Un-skilled	4
2	Semi skilled	4
3	Skilled Grade -III	5
4	Skilled Grade - II	6
5	Skilled Grade - I	6
6	Miscellaneous	6 - 7
	<u>(C) LABOUR (ELECTRICAL TRADE)</u>	
1	Skilled Grade -III	8
2	Skilled Grade - II	8
3	Skilled Grade - I	8
4	Miscellaneous	8

CIVIL TRADE

CIVIL

S.#	Description	Daily Units	Remarks
1	2	3	4

1 Labour Unskilled (Civil) (Category-I)

Bhishti (with Mashak) Beldar (all types including conservancy (except regulation Beldar)/Beliowman/Bullockman. Rs.1000 P/day As per current Market Rate.

Cooly ordinary (Works p of Pow or House or work under Water Male or Female/Camel-man/Gatman/Chowkidar, dak runner/Donkeyman/Fireman Steram Road Rolloer/Gate keeper.

Khalaso si

Lamp man

Punkha cooly Patrolman/ Patroller/ Peon/pipe line /Patroller/Store Attendant/Pipe-man

Sweeper

water man

2 LABOUR SEMI-SKILLED (CIVIL) (CATEGORY-2)

Assistant Jamadar(Coolies)/

Rs.1200 P/day As per current Market Rate.

Assistant Jamadar(Foundryshop)

Assistant Jamadar Fireman/

Assistant Jaiadar(Productionsshop)

Assistant Machine-Armed Guard-man

Barrage / Bahishti (with mashak) / Ballast Packer / Batteryman / Beltman / Boatman / Brid ge-Khalasi Carpenter cooly / Chain-man conservancy Jamadar / creneman / Cutter.

Driver Mallah/Dollynn/Dresser Earth work/Driller/Assistant Driver (Tubewell launch crane, Roller etc) Filter

Cooly/fireman/Flag-man/Furnance-Man. /Head

Hammerman/Head Chowkidar/Head

Khalasi Survej.

Jamadar (Berths and Production Shop)

Laboratory Attendant/launch

Pilot/mali/Make (Earth Work) mate (bridge)/mate (permanent way)

machine Man/mate (works)/Material

Checker/Motor Launch Attendant Number

Shumar.

Oiler.

Painter colly Plant Attendent/Plat layer (except Railway Department) Plumber colly/Polntman/process server.

Quarryman (other than Tunnerling) Regulation Beldar/River/rivet rod Heater/Rivet Heater/Rock cutter/Rock Driller (other than Tunneling)

Sanitary jamadar/Sail Maker/Sarang Severman/Sludge Remover/Smith Colly

Sounding

Attendant / Storeman / Subdarogha / Sweeper Jamadar

TarSprayer / Tindail / Tinsmith / Tool Issuer / Tumer.

White Washer/Wireman (2nd class)

LABOUR SKILLED GRADE-II CIVIL (CATEGORY-4)

Abdar Assistant Chaser/Air Compressor Driver/Assistant Jamadar/Assistant Jamadar (Foandry Machine and Fitter shop)/Assistant Jamadar Head Works. Rs.1500 P/day ____do____

Battery man/Bearer/cum-Cook/Back smith/Block Mistry/Boiler Attendant/Boiler maker/Boring Khalasi or Well Bearer

S.#	Description	Daily Units	Remarks
1	2	3	4

Driver Motor Launch driver over head Electric Crane/Driver Tubewell/ Driller Furniture Polisher.
 Glazier/Grinder Head Boatmen/Head Fitter/Headmali/Head Armed Guard Inspector production/Instrument Tester/jamadar head works/Jamadar Skilled/jamadar Navigator.
 Khansama/Laboratory Assistant*
 Line man
 Mason/Machineman/Machine/Operator/Meter Reader/ Mistry Discharge or Sounding Mistry Each work/Material Mistry/Mistry Pressure Pipe / Motor Machine / Motor Trolley Driver / Motor Trolley / Mechanic Oiler
 Painter/ Permanent way Mistry/ Pipe Filter Planer.
 Plate Layer (except Railway Department Plumber).

Quarryman Incharge (other than tunneling)
 Rail Motor Tractor Driver/ Rivetor Sainitary Sub Inspector / Sawyer /Shapper /Slotter / Steam Road roller Driver /Store issuer/Store Munshi *Store verifier.
 Stove Enameler/Tailor/Tinker/Tinsmith/Tool Issuer / Tool Maker /Turner/ White Washer / Welder/ Wireman/ Works Mistry Works Supervisor.

LABOUR SKILLED GRADE-I CIVIL (CATEGORY-6)

Artificer/ Rs.1800 P/day ____do____
 *Assistant Storekeeper (Except Railway Department)
 Blacksmith / Boring Mistry / Bridge Mistry/ Captain Motor Launch / Carpenter / Demonstrator
 * Inspector Water Works.
 Junior Operator
 * Mason Mistry
 Mason
 Plumber
 painter
 * Road Inspector
 Security Sergeant / Senior Operator / *Surveyor 2nd class (except Railway Department)
 Store Munshi / Tailor/ Tube Boring / Work Mistry.

LABOUR MISCELLANEOUS CIVIL (CATEGORY-12)

- (i) Accounts Clerk Rs.2800 P/day ____do____
 (ii) Arrears Clerk
 (iii) Boatman with small Boat
 (iv) Boatman with large Boat
 (v) Bullock (single) without Attendant.
 (vi) Bullock Cart (without Bullock and Attendant)
 (vii) Bullock (single with Bullockman)
 (viii) Camel (single) without attendant
 (ix) Carnet Cart without Camel and Attendant.
 (x) Camel (single) Camel man
 (xi) Computer person (except Railway Department)
 (xii) Costing Clerk
 (xiii) Delivery Clerk
 (xiv) Photo Copy Machine Attendant.
 (xv) Computer Operator
 (xvi) Donkey (single) without attendant
 (xvii) Donkey or Mule Cart without Animal and attendant

S.#	Description	Daily Units	Remarks
1	2	3	4
(xviii)	Donkey / Mule with Donkeyman		
(xix)	Guage Reader		
(xx)	General Clerk		
(xxi)	Head Store Keeper (except Railway Department)		
(xxii)	Imam Masjid		
(xxiii)	Indent Clerk		
(xxiv)	Moazzan/Khatib		
(XXV)	Log Book Clerk		
(xxvi)	Log Book Man		
(xxvii)	Observer		
(xxviii)	Silt Observer		
(xxix)	Shop Clerk		
(xxx)	Store Clerk		
(xxxii)	Surveyor Graduate except Railway Department		
(xxxii)	Surveyor (1st Class)		
(xxxiii)	Telephone Operator / Attendant		
(xxxiv)	Time Keeper		
(xxxv)	Tracer		
(xxxvi)	Unit Ledger Clerk		
(xxxvii)	Waterman with one Bullock and Pakhal		
(xxxviii)	Work Munshi		
(xxxix)	Work Order Clerk		
(xxxx)	Workshop Clerk		
(xxxxi)	Work Taker		
(xxxxxii)	Work Superintendent		
(xxxxiii)	Dispenser/Compounder		
(xxxxiv)	Draughtsman		
(xxxxv)	Chief Draftsman		
(xxxxvi)	Sub Engineer		
(xxxxvii)	Supervisor		

MECHANICAL TRADE

MECHANICAL

S.#	Description	Daily wages	Remarks
1	2	3	4

1 **LABOUR UN-SKILLED (MECHANICAL) (CATEGORY-1)**

Calluman/Cleaner *Cleaner Jamadar(lavatory)/cooly all type (male or female)/Cook (Running Room) Dhobi Engine Lighter Fire Dropper (forge Helper) Gagte Man Hook Pprier Paint Cleaner/Peon Running Room Servant. Saloon Attendant/Security Guard/ Steam Raiser Tool Room Attendant/Tube Checker/Tube cleaner washington Lampman/line Guard/ Field Guard	Rs.1000.0	P/Day	As per current Market Rate.
---	-----------	-------	--------------------------------

2 **LABOUR SEMI-SKILLED (MECHANICAL)(CATEGORY-2)**

Air conditon coach attendant Assistant bench fitter / Assistant Brass fillter / Assitant cleaning Jamadar / Assistant Electric Exainer / Assistant Fitter / Ashipt Jamadar / Assistant Painter / Assistant pump engineer driver / Assistant belief training Jamadar / Assistant vacuum fitter Assistant washington lamp fitter / Assistant wireman / Assistant workshop madar / Apprentice Operator Tractor / Belter / Boiler Atendant / Boiler maker. Ghaser / Cinder picker Jamadar Winder / Coal Jamadr / coper Smith / Crane fireman / Dhobi / Dresser / Die Sinker / Cleaner all trade cleaning Jamadar / Clock window / Electro plater Engraver / File reclainer / fire Dropper Fuel Issuer / Fule Jamadar / Gate Keeper / Gas producing Fireman / Guage Issuer / Greaser / Geng Jamamadar. Hammer Driver/Head fireman Hot water boiler atendant. Jammadar Coolies/Jaudar Coal Lead burner/lifter/liftman/lorry Oil Man. Operation/Pump Engine Fireman. Pump Fitter. Repacker/Repack Jamadar/ Reviter. Saleman/saw scatter/sawyer schedule Poster/sharper/shot Blaster/Shed Jamadar shunting Jamadar/Shunting porter/sign writer/Singalman/Singler/Slotter/ Spotter Steam Crane Fireman Steam Hammerman/Store issuer/ Striker. Tender fireman/Ticker distributor Inker/Tool checker/Tool hardner/ Tool maker/Trailer pump fireman Trailer pump leader/Travesor Jaadar/Trimmer Vulcanizer/valvemna. Washout jamadar/washout boiler attendant wood machinest.	Rs.1200.0	P/Day	___do___
---	-----------	-------	----------

3 **LABOUR SKIILED GRADE-III (MECH)(CATEGORY-3)**

S.#	Description	Daily wages	Remarks
1	2	3	4

Acetylene Generating Plant Attendant Air Compressor Driver/ Rs.1350 P/Day ___do___
 Air conditioning coach attendant Angle Smith/Armature winder
 Assistant Drawing store issuer Assistant Driver Electric/
 Assistant Lifting/Jamdar/ Assisnat Pump Engine Driver.

Batteryman/Belter/Bench Fitter Bioler/Alendant/Bioler
 maker/Borer/Bucket counter
 Caner/capstan Driver/Cahser/Clock Repairer/Coach
 Builder/Copper smith/Cranc Driver.
 Dhobi / Dia Sinker / Driller /Driver / Jeep Driver/ Motor Car
 Driver/Pickup Driver/ Station Wagon Driver/Truck less than 10
 tons Driver/Oil Engine Pump.
 Electric Crane Driver /Electric Examiner/ Electric
 Plater/ Estimator.

File Recliner /Firmena Electric /fire leading Fireman Fire
 Brigade Driver / Fire fighting crew leader Fitter (Including Pipe
 Fitter Fitter Driver/ Fuel Checker.

Generator Attendent /Glanzier / Grader Grinder Junior
 Assistant Inspector Production / Joint Maker

Mason Brick layer / Machineman / Muchinist / Machinist Black
 Smith / Material Collector / Sprayer / Miller / Mill-
 Writh/Mochi/Motor Fitter (Mechanic) Motor Machanic.

Oil Engine Driver / Operator Aggregate Plant Operator Air
 Fool Operator concret Mixer capacity 3/4 cu yds and large

Operator concret Mixer capacity 3/4 cu yds.

Operator compressor / Operator concrete pumps.

Operator Crane less than 5 tons.

Operator Dragling and Shoval

Capacity of Dragling less than 1/2 cu yds.

Operator Overhead Loader/ Operator Power winch / Operator
 pile Hammer / Operator Trenching Machine / Operator Vibrator
 / Operator Wagon Drill.

Painter-Polisher

Precision Meter Repairer/Pump Driver Electric Pump Driver /
 Pump Engine Driver and Pipe fitter.

S.#	Description	Daily wages	Remarks
1	2	3	4

Relief Training Jamadar / Rivetor Slinger / Slinger / Jamadar / Station Master (except Railway deput.) / Sirmheammer Driver / Sub Stion Awendent / Tinsmith / Trailor Pump Driver / Train examiner (except railway department) well Brorer / Workshop Jamadar.

4 **LABOUR SKILLED GRADE-II (MECHANICAL)(CATEGORY-4)**

Black Smith / Boiler Attendent / Carpenter / Coppersmith / Driver / Tube Well / Demonstrator / Denter/ Driver / Dumper / Driver Loco B.G and N.G (shunting) driver trailor / Driver truck 10 tons and above / Driver Road Roller (Steam/Diesel) Fitter Gas Man Head Driver / Light Mistry Mason Meter Reader Machanic Mistry / Moulder Mechanic Referigerator Operator Aggregate Plant Operator Back hloes / Operator Crane 5 to 25 tons /Operator draggling and Shovel (capacity of dragline 1/2 cu yds to 4 cu yds) Operator Drinlling Rig/ Operator Stone Crusher / Operator screen Plant / Operator Spading Machine / Operator Track Press / Operator Welding Machine.

Rs.1500 P/Day ___do___

Precision Meter Repairer / Painter (Sign Board and other Fine works) Radiator Repairer / Radio Mechanic/Rainforcement steel bender Binder as

Fixer
Spray Painter
Tin Smith
Upholstery Repairer
Vulcanizer/valvemna.
Welder Winder (Armature)

LABOUR SKILLED

5 **GRADE-I(MECHANICAL).(CATEGORY-5)**

Blacksmith / Carpenter / concrete Foreman / Foreman Head Store Keeper mason Machinman / Machanic / Mistry / Operaotr Drilling Rig / Operator heavy Tractor and Buldozer 100 hp and above / Operator Tack press / Patern maker Supervisor / Tool Maker/ Tumer / Welder.

Rs.1650 P/Day ___do___

6 **LABOUR MISCELLANEOUS (MECHANICAL) (CATEGORY-6)**

(i) Crank Shaft Griner	Rs.1800	P/Day
(ii) Estimator (except Kailway Deptt.)	Rs.1800	P/Day
(iii) Field Chargeman (except Railway Deptt.)	Rs.1800	P/Day
(iv) Foreman, Grade-I (except Railway Deptt.)	Rs.1800	P/Day
(v) General / Supervisor/ Overseer/ Supervisor / Supervisor Air Conditioning..	Rs.1800	P/Day
(vi) Labour officer	Rs.1800	P/Day
(vii) Assistant Foreman (Mech.)	Rs.1800	P/Day
(viii) Operator Crane 25 tons and above	Rs.1800	P/Day
(ix) Operator Dragling and Shovel, Grade-I (capacity of dragline 4 cu yds and larger)	Rs.1800	P/Day

6

(x) Operator Dragling, Rig Grade-I	Rs.1800	P/Day
------------------------------------	---------	-------

S.#	Description	Daily wages		Remarks
1	2	3		4
	(xi) Operator Light Tractor Wheel type	Rs.1800	P/Day	
	(xii) Operator Motor Grader	Rs.1800	P/Day	
	(xiii) Permanent why Inspector (except Railway Deptt.)	Rs.1800	P/Day	
	(xiv) Pile Driver (Operator Pipe Drigning Machine)	Rs.1800	P/Day	
	(xv) Plant Superintendent Grade-I	Rs.1800	P/Day	
	(xvi) Plant Superintendent Grade-II	Rs.1800	P/Day	
	(xvii) Railway Guard (except Railway Deptt.)	Rs.1800	P/Day	
	(xviii) Superintendent, Workshop Grade-I	Rs.1800	P/Day	
	(xix) Draflsman	Rs.1800	P/Day	
	(xx) Superintendent, Workshop Grade-II	Rs.1800	P/Day	
	(xx) Sub-Engineer	Rs.1800	P/Day	
	(xxii) Supervisor	Rs.1800	P/Day	
	(xxiii) Assistant Store Supervisor (Mechanical)	Rs.1800	P/Day	

ELECTRICAL TRADE

ELECTRICAL

S.#	Description	Daily wages	Remarks
1	2	3	4

- | | | | | |
|---|---|---|---|--|
| 1 | <u>LABOUR SKILLED GRADE-III © (CATEGORY-3)</u>
Complaint Receiver | Rs.1350 | P/Day | As per Current Market Rate |
| 2 | <u>LABOUR SKILLED GRADE-II (ELECTRICAL)(CATEGORY-4)</u>
Armature Winder Battery man Cable Jointer Mistry
Electrician
Instrument Mechanic Lineman
* Meter Reader | Rs.1500 | P/Day | do |
| 3 | <u>LABOUR SKILLED GRADE-I (ELECTRICAL) (CATEGORY-5)</u>
Armature Winder Battery man Cable Jointer
Mistry Electrician | Rs.1650 | P/Day | do |
| 4 | <u>LABOUR SKILLED MISCELLANEOUS (CATEGORY-6) (ELECTRICAL)</u>
Auto Electric Mechanic
General Supervisor
Meter Incharge
Shift Engineer Senior
Sub Engineer
Supervisor
Foreman (Electrical) | Rs.1800
Rs.1800
Rs.1800
Rs.1800
Rs.1800
Rs.1800
Rs.1800 | P/Day
P/Day
P/Day
P/Day
P/Day
P/Day
P/Day | do
do
do
do
do
do
do |

GOVERNMENT OF SINDH



SCHEDULE OF RATES

SCHEDULE OF RATES (CARRIAGE)

VOLUME-III, PART-II

SEVENTH EDITION – 2022

PUBLICATION No. 58

CONTENTS

SCHEDULE OF RATE (CARRIAGE)
VOLUME-III, PART-II SEVENTH EDITION - 2022
PUBLICATION No. 58

S.No	DISCRIPTION	PAGE NO.
	<u>INTRODUCTION OF CARRIAGE OF MATERIALS</u>	1
	<u>CARRIAGE OF MATERIALS</u>	2 - 4
	<u>LOADING UNLOADING AND STACKING</u>	5 - 7

INTRODUCTION OF CARRIAGE OF MATERIALS

- I. The rates for items other than in the schedule can be reduced from these basic rates on the following assumption. Quantities of different material equivalent to 1000 No. bricks 10" size, 100 Cft. or 5 Ton weight with almost similar amount of labour involved in loading unloading and stacking, shall have rates equivalent to these basic rates, fluctuation if any shall be proportionate to the increase or decrease in weight, volume or labour involve.
- II. The rates are applicable to carriage of materials on pacca roads only. For katcha roads an allowance of 25% extra shall be allowed for 2nd of subsequent 1st mileage rates. Rates up to 1st mile is however common to both katcha and pacca roads.
- III. For Hilly Areas 25% above the rates in the plain areas shall be allowed for total mileage covered.
- IV. In case of articles longer than 15' carried in trucks, the following additional factors shall be allowed on the usual rates:-

(i) Above 15' to 251.5 times.

(ii) Above 25'2.0 times.

The length measured shall not be the actual length, but the length of the form of consignment as actually received.

- V. The term mile, when ever used, is to mean statute mile.
- VI. The rates include loading and unloading of material from conveyance and stacking as directed.
- VII. POL Items (Petrol & Diesel) only would be adjusted /calculated in cartage rate for increase and decrease as announced by OGRA in accordance with the following formula in practice by FIDIC and endorsed by Pakistan Engineering Council (PEC) and its requires to be provided in the detail working estimates while according of Technical Sanction by Competent Authority.

$$\text{Adjusted Rates of Cartage} = \left\{ 1 + 0.4 \frac{P_1 - P_0}{P_0} \right\} + (\text{Prevailing Cartage Rate})$$

P_1 = Present Price of diesel as notified by OGRA

P_0 = Price of Diesel incorporated in prevailing Schedule of Rates.

CARRIAGE OF MATERIALS

S.No	Description	Unit	Rate in Rupees	Remarks
1.	Carriage of 100 Cft / 5 Tons of all materials like, Stone aggregate, Spawl, Coal, Lime, Surkhi, etc. B.G Rail fastening points and crossing bridge, Girders, Pipes, Sheets Rails, M.S Bars etc. or 1000 Nos. Bricks (10"5"x3") or 1000 Nos. Tiles (12"x6"x2") or 150 Cft of Timber or 100 Maunds of fuel wood by trucks or any other means owned by the contractors.			Cement carried in containers other than bags will be paid according to this item. The word pipes cover G.I, C.I and R.C.C Pipes.
	1st Chain	Chain	385.30	Reduce the rate by 33% in case of Carriage of 1000 Nos. of Tiles Size (12"x6"x1 1/4")
	2nd Chain	Chain	71.00	
	3rd Chain to 10th Chain	Chain	45.85	
	1000 Ft. to 5000 Ft.	1000 Ft	488.35	
	1st Mile	Mile	663.86	
	2nd Mile	Mile	165.61	
	3rd Mile	Mile	135.66	
	4th Mile	Mile	125.38	
	5th Mile	Mile	115.76	
	6th Mile	Mile	107.94	
	7th Mile and Subsequent Mile.	Mile	101.54	
2.	Carriage of 100 Cft / 5 Tons of all materials like, Stone aggregate, Spawl, Coal, Lime, Surkhi, etc. B.G Rail fastening points and crossing bridge, Girders, Pipes, Sheets Rails, M.S Bars etc. or 1000 Nos. Bricks (10"5"x3") or 1000 Nos. Tiles (12"x6"x2") or 150 Cft of Timber or 100 Maunds of fuel wood (by means of Material Trolley).			Cement carried in containers other than bags will be paid according to this item. The word pipes cover G.I, C.I and R.C.C Pipes.
	1st Chain	Chain	220.15	
	2nd Chain	Chain	40.60	
	1000 Ft. to 5000 Ft.	1000 Ft	279.05	
	1st Mile	Mile	214.08	
	2nd Mile	Mile	89.99	
	3rd Mile and Subsequent Mile.	Mile	81.91	
3.	Carriage of 1000 Nos Bricks 9"x4 1/2"x3" or 8"x4"x4" nominal.			
	1st Chain	Chain	308.24	
	2nd Chain	Chain	56.80	
	3rd Chain to 10th Chain	Chain	36.68	
	1000 Ft. to 5000 Ft.	1000 Ft	390.68	
	1st Mile	Mile	531.09	
	2nd Mile	Mile	132.49	
	3rd Mile	Mile	108.53	
	4th Mile	Mile	100.30	
	5th Mile	Mile	92.61	
	6th Mile	Mile	86.35	
	7th Mile and Subsequent Mile.	Mile	81.23	

S.No	Description	Unit	Rate in Rupees	Remarks
4.	Carriage of 1000 Nos Tiles 9"x4 1/2"x11/2"			
	1st Chain	Chain	184.94	
	2nd Chain	Chain	34.08	
	3rd Chain to 10th Chain	Chain	22.01	
	1000 Ft. to 5000 Ft.	1000 Ft	234.41	
	1st Mile	Mile	318.65	
	2nd Mile	Mile	79.49	
	3rd Mile	Mile	65.12	
	4th Mile	Mile	60.18	
	5th Mile	Mile	55.57	
	6th Mile	Mile	51.81	
	7th Mile and Subsequent Mile.	Mile	48.74	
5.	Carriage of 1-Cwt Cement in Bags			
	1st Chain	Chain	3.85	
	2nd Chain	Chain	0.71	
	3rd Chain to 10th Chain	Chain	0.46	
	1000 Ft. to 5000 Ft.	1000 Ft	4.89	
	1st Mile	Mile	6.64	
	2nd Mile	Mile	1.66	
	3rd Mile and Subsequent Mile.	Mile	1.36	
6.	Carriage of 100 Nos. empty cement bags including bundling.			
	1st 1000 Ft.	1000 Ft	16.64	
	1000 to 5000 Ft.	1000 Ft	24.96	
	1st Mile	Chain	41.67	
	2nd Mile to 6th Mile	1000 Ft	114.58	
	7th Mile and Subsequent Mile.	Mile	31.25	
7.	Carriage of light Machinery weighing upto 3 tons			Pattern as Per 1st R.As 5 Ton or 100 Cft
	Within 1st to 1000 Ft.	Ton	301.29	
	1000 Ft. to 5000 Ft.	1000 Ft./ Ton	293.01	
	1st Mile	Mile/Ton	398.29	
	2nd Mile	- Do -	99.36	
	3rd Mile	- Do -	81.39	
	4th Mile	- Do -	75.22	
	5th Mile	- Do -	69.45	
	6th Mile	- Do -	64.76	
	7th Mile and Subsequent Mile.	- Do -	60.92	
8.	Carriage of Small Consignments weighing upto 5 maunds (Job Rates)			For Consignments weighing 5 to 10 maunds rate be increased by 25% and for Consignments weighing 10 to 20 maunds. Rate be increased by 100%
	Upto 1000 Ft.	Consignment	21.19	
	1000 Ft. to 5000 Ft.	- Do -	36.78	
	1st Mile	Consignment / Mile	26.55	
	2nd Mile and Subsequent Miles	- Do -	6.62	

S.No	Description	Unit	Rate in Rupees	Remarks
9.	Carriage of Consignments -odd Jobs			
(i)	Cooly load for distance:-			
(a)	Upto 3 Miles	Each Consignment	249.99	
(b)	From 3 to 8 Miles	- Do -	416.65	
(ii)	Donkey load for a distance:-			
(a)	Upto 3 Miles	- Do -	478.14	
(b)	From 4 to 10 Miles	- Do -	1115.66	
(iii)	Cart load for distance:-			
(a)	Upto 4 Miles	- Do -	1120.00	
(b)	From 4 to 10 Miles	- Do -	1680.00	
(iv)	Camel load for a distance:-			
(a)	Upto 4 Miles	- Do -	700.00	
(b)	From 4 to 12 Miles	- Do -	1400.00	
10.	Hire Charges for Trucks including all charges and Contractors profit, but excluding P.O.L			To be allowed only in Emergency by Prior Concurrence of S.E
(i)	Trucks 3 / 5 Ton Capacity	Truck / day	12000.00	
(ii)	Trucks 7 / 10 Ton Capacity	- Do -	20000.00	
11.	Carriage by Boat or Steamer.			Rates Same as by any mechanical means on land.
12.	Carriage of Bitumen Tar or other Lubricants (in drums)			
(a)	Carriage for 1st Mile Unloading from Railway Wagon.	Per Ton	685.91	(15d) + 1st Mile
(b)	Carriage from Store for 1st Mile	-do-	132.77	
(c)	Carriage from Store for 2nd Mile	-do-	33.12	
(d)	Each Subsequent Mile	-do-	20.31	

LOADING UNLOADING AND STACKING

S.No	Description	Unit	Rate		Remarks
			Labour	Composite	
1.	Loading or Unloading into or from Railway wagons lead within one chain / Shingle, Sand, Stone ballast, Surkhi, Ashes, Kankar, Brick bat, coal, lime or 100 Nos. tiles size 12"x6"x2" or 9"x4-1/2"x1-1/2" laid and stacked.	% Cft	1210.00		
2.	Loading or Unloading bricks into or from Railway wagons properly laid and stacked. Lead within one chain.				
	(a) Bricks 10" Size	1000 Nos.	1512.50		
	(b) Bricks 9" or smaller size	1000 Nos.	1210.00		
3.	Loading or Unloading into or from Railway Wagons cement in bags (from inside or outside the godown) and stacking with in one chain	% Nos.	1512.50		
4.	Loading or Unloading into or from Railway Wagons empty cement bags from inside or outside the (godown) and stacking.	% Nos.	145.20		
5.	Loading or Unloading into or from Railway Wagons empty cement bags from inside or outside the (godown) and stacking.	% Mds	907.50		
6.	Loading or Unloading into or from Railway Wagons structural Steel, R.S joists, broad, narrow or meter gauge rails and rail fastening, etc:	Per Ton	726.00		
7.	Loading or Unloading 45 gallons drums full into or from Railway Wagons, lead upto one chain.	Each No.	96.80		
8.	Loading or Unloading Packages or stock all sorts upto 1 Cwt.	Each No.	48.40		Except Cement Jute or Paper bag
9.	Loading or Unloading sleepers other than wooden including stacking, lead within one Chain.				
	(a) Broad guage sleepers.	% Nos.	1512.50		
	(b) Meter guage and narrow guage sleepers	% Nos.	756.25		
10.	Loading or Unloading timber logs or timber for shuttering into or from Railway Wagons of any gauge including stacking lead within one chain.	Per Ton	1512.50		
11.	Loading or Unloading bhoosa in Railway Wagons lead upto 150 feet	% Mds	3630.00		
12.	Loading or Unloading timber scrap or wooden plugs into or from Railway Wagons and stacking within one chain lead.	Per Ton	605.00		

S.No	Description	Unit	Rate		Remarks
			Labour	Composite	
13.	Loading or Unloading Pitching stone or spawls from Railway Wagons of any gauge (including clearing 5 feet away from the rails).	% Cft	447.70		
14.	Loading or Unloading building stone (including clearing 5 feet away from rails).	% Cft	544.50		
15.	Unloading Oil etc.				
	(a) Crude Oil (to be pumped from tank wagon into tank)	1000 Gallon	1512.50		
	(b) Crude Oil (drained by gravity)	1000 Gallon	1512.50		
	(c) Crude Oil materials from Railway wagon	% Cft	193.60		
	(d) Fuel Oil from tank into empty drums including stacking within one chain.	Per Ton	553.14		
	(e) Petrol (2Gallon Tins)	% Nos	762.30		
	(f) Kerosine Oil (4 Gallon Tins)	% Nos	1512.50		
16.	Removing and Stacking within One Chain Lead.				
	(a) Stone, Spawls, Brick bats, Shingle, Sand, Lime, Surkhi, Ashes, Kankar, and Coal etc.	% Cft.	605.00		
	(b) Bricks.	%0 Nos	1760.00		
	(c) Broad guage, wodden sleepers	% Nos	968.00		
	(d) Meter guage or Narrow guage Wooden sleepers.	% Nos.	553.14		
	(e) Rail, Girders, Pipes, Cement etc.	Per Ton	276.57		
	(f) Bridge and crossing timber etc.	% Nos	3226.67		
17.	Loading into wagon girders rails, permanent way material (except wooden sleepers) iron work. M.S Bars Pipes, etc: including lead one chain and stacking inside wagons.	Per Ton	774.40		
18.	Loading from wagon girders rails, permanent way material (except wooden sleepers) iron work. M.S Bars Pipes, etc: lead upto one chain but excluding stacking.	Per Ton	387.20		
19.	Loading into wagons wooden broad gauge sleepers including one chain lead, and stacking.	% Nos	2420.00		
20.	Unloading wooden broad gauge sleepers from wagons including one chain lead and stacking.	% Nos	1210.00		

S.No	Description	Unit	Rate		Remarks
			Labour	Composite	
21.	Loading meter gauge or narrow gauge wooden sleepers including one chain lead and stacking inside wagons.	% Nos	1290.67		
22.	Unloading meter gauge or narrow gauge wooden sleepers including one chain lead but excluding stacking	% Nos	645.33		
23.	Loading bridge and crossing timber including one chain lead and stacking	% Nos	4840.00		
24.	Unloading Bridge and crossing timber including one chain lead but excluding stacking.	% Nos	2420.00		

Note:- Rate for Loading and Unloading for Mobile Truck / boats, items 1-15 will be 80 percent of the rates, of Railway Wagons.

GOVERNMENT OF SINDH



SCHEDULE OF RATES

VOLUME-III, PART-III

SCHEDULE OF RATES (MATERIALS)

FOR GENERAL ITEMS

SEVENTH EDITION – 2022

PUBLICATION No.59

SCHEDULE OF RATE (MATERIAL)
VOLUME-III, PART-III
EDITION-2022
CONTENTS

Sr.No	DISCRIPTION	PAGE No.
1	Petrol Oil & Lubricant	1
2	Bricks	1-2
3	Tiles	2-6
4	Cement	6
5	Sand line/Surki	6
6	Stone & Aggregate	7
7	Wood	8
8	Paint & varnishes and Colours	9
9	Iron Work/Iron Fittings	11-15
10	Aluminium Fittings	15-16
11	Brass Fittings	16
12	Glass Fittings	17
13	Bamboos and Stakes	17
14	Road Making Machinery	18
15	Fuel Filter	19
16	Miscellaneous	20-31
17	Fixture Aldrop	23-27
18	Oil & Lubricant	28
19	Battery	28
20	Others	29
21	Hi Bond per-packages polymer modified	30
22	Mortar (DHPMM)	30
23	P.V.C. Geo-Membrane	30-31
24	Tools & Plants	31-32
25	Materials	32-33

**These rates are exclusive contractors profit and materials in accordance with
the specification of Pakistan Standard & Quality Control Authority (PSQXCA)**

S.#	Description	Imperial Units		S.I.Units		
		Units	Rate in Rs	Units	Rate in Rs	Remarks
1	2	3	4	5	6	7

PETROL OIL & LUBRICANTS

1	(a) Petrol Super	-		Per Litre	233.89	
	(b) Hi-Octane	-		Per Litre	242.40	
2	Diesel Oil (HSD)	-		Per Litre	263.31	
3	Mobil. Oil	-		-		Sealed Tin Bulk
	(a) Medium	-		4 Litres	3230.00	___do___
	(b) Superior	-		4 Litres	3900.00	___do___
4	(a) C.oil G-15	Per Gallon	3042.00	Per Litre	670.00	Sealed Tin
	(b) C.oil CL G-15	Per Gallon	12008.00	Per Litre	2645.00	___do___
	(c) Deregon CL G-15	—	—	Per Litre	1150.00	___do___
	(d) Defender CL G-15	—	—	Per Litre	750.00	___do___
	(e) German CL G-15	—	—	Per Litre	580.00	___do___
5	Kerosine Oil	—	—	Per Liter	211.43	___do___
6	Grease (a)	Per Lbs.	225.90	Per Kg	506.00	___do___
7	Distilled Water	—	—	P. Bottle	80.00	___do___

BRICKS

8	Bricks 9" x 4 1/2" x 3" (First Class)	1000 Nos	11000.00	—	—	At Source
9	Bricks 9" x 4 1/2" x 3" (Second Class)	1000 Nos	9000.00	—	—	___do___
10	Bricks 9" x 4 1/2" x 3" (Third Class)	1000 Nos	7000.00	—	—	___do___
11	Bricks" x 4 1/2" x 3"	1000 Nos	16000.00	—	—	___do___

S.#	Description	Imperial Units		S.I.Units		
		Units	Rate in Rs	Units	Rate in Rs	Remarks
	Bricks Jhama		3000.00	—	—	
12	Bricks Sun dried	1000 Nos	2500.00	—	—	___do___
13	Bricks Bats	%0Cft	2800.00	—	—	___do___
14	Fire Clay Bricks 9" x 4 1/2" x 3"	%0Nos	10000.00	—	—	___do___
15	Eave Brick Moulded and threaded	% 0Nos	9500.00	—	—	___do___
<u>TILES</u>						
16	Cement Concrete Tiles 8" x 8" x 3/4"	P.Sft	55.00	—	—	—
17	Cement Concrete Tiles 11" x 11" x 10"	P.Sft	65.00	—	—	—
18	Cement Concrete Tiles 8" x 8" x 1"	P.Sft	55.00	—	—	—
19	Cenment. Concrete Tiles 5" x 5" x 3/4"	P.Sft	50.00	—	—	—
20	(a) Coloured Cement Tiles 8" x 8" x 3/4"	P.Sft	60.00	—	—	—
	(b) Coloured Cement Tiles 12" x 12" x 1"	P.Sft	70.00	—	—	—
	(c) Coloured Cement Tiles (Patterns)					
	(i) 8 x 8 x 3/4"	P.Sft	120.00	—	—	—
	(ii) 12" x 12" x 1"	P.Sft	150.00	—	—	—
21	Khaprail of C C 12" x 8" x 1"	Each	150.00	—	—	—
22	Clay Tiles 12" x 6" x 2"	Each	50.00	—	—	—
23	Clay Tiles 12" x 6" x 2" & 9" x 4 1/2" x 1"	Each	50.00	—	—	—
24	Clay Tiles 12" x 6" x 2" & 9" x 4 1/2" x 2"	Each	50.00	—	—	—
25	Roof Tiles 12" x 6 x 1 1/2" (Flowers)	Each	55.00	—	—	—
26	khaprail (Manglore) Tiles 15" x 8" x 1 1/2"	Each	170.00	—	—	—
27	White or Coloured Glazed Tiles any size as per approved					

S.#	Description	Imperial Units		S.I.Units		
		Units	Rate in Rs	Units	Rate in Rs	Remarks
	(a) Floor	P.Sft	160.00	—	—	—
	(b) Dado	P.Sft	170.00	—	—	—
	(c) Imported quality			—	—	—
	(ii) 8"x 6" x 1/4"					
	(a) Medium quality	P.Sft	120.00	—	—	—
	(b) Superior quality	P.Sft	160.00	—	—	—
	(c) Imported quality	P.Sft	180.00	—	—	—
	(iii) 8"x 8" x 1/4"					
	(a) Medium quality	P.Sft	120.00	—	—	—
	(b) Superior quality	P.Sft	160.00	—	—	—
	(c) Imported quality	P.Sft	180.00	—	—	—
	(iv) 8" x 10" x 1/4"					
	(a) Medium quality	P.Sft	120.00	—	—	—
	(b) Superior quality	P.Sft	160.00	—	—	—
	(c) Imported quality	P.Sft	180.00	—	—	—
	(v) 10"x 12" 1/4"					
	(a) Medium quality	P.Sft	130.00	—	—	—
	(b) Superior quality	P.Sft	160.00	—	—	—
	(c) Imported quality	P.Sft	180.00	—	—	—
	Porclin Tile full body					
	(vi) 12"x12" 1/4"					
	(a) Standard quality	P.Sft	150.00	—	—	—
	(b) Prime quality	P.Sft	200.00	—	—	—
	(vii) 16"x16" 5/16"	P.Sft	120.00	—	—	—
	(viii) 18"x 18" 5/16"	P.Sft	140.00	—	—	—
	(ix) 24"x 24" x 5/16"	P.Sft	175.00	—	—	—
	(x) 24"x 36" x 5/16"	P.Sft	250.00	—	—	—
	(xi) 24"x 48" x 5/16"	P.Sft	300.00	—	—	—
	(xii) Gilzed Tiles Hala Pattern of approved size and colours	P.Sft	190.00	—	—	—
28	Bricks Tiles 12"x 6"x 2"	1000 Nos.	10000.00	—	—	—
29	Tiles Gilzed (Kashi) 4"x 4"x 1/4"	P.Sft	225.00	—	—	At Source

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
30	Tiles Gilzed (Kashi) 6"x 6" 1/4"	P.Sft	225.00		—	—	do
31	Tiles Gilzed (Kashi) 8"x 8" 1/4"	P.Sft	225.00		—	—	do
32	white Marble Slab 3/4 (Ziarat White) (a) upto 4 feet (b) More than 4 feet	per Sft per Sft	1000.00 1500.00		— —	— —	— —
33	white Marble Slab 1 (Ziarat White) (a) upto 4 feet (b) More than 4 feet	Per Sft Per Sft	1500.00 2000.00		— —	— —	— —
34	(i) Marble Tiles (12" x 24"x 3/4" / 12") (Super Botisena Creame, Badal & Black)	Per Sft	60.00		—	—	—
	(ii) Marble Tiles (12"x 12" x 3/4" / 24"x12" x3/4") (Verona)	Per Sft	80.00		—	—	—
	(iii) a) Marble Tiles (12"x 12" x 1" / 24" (Super Botisena Creame, Badal & Black)	Per Sft	70.00		—	—	—
	(b) Marble Tiles (12"x 12" x 1" / 24"x1 (Verona)	Per Sft	90.00		—	—	—
	(iv) Marble Tiles (12" x 12" x 1) (Afghan, Ziarat White Malagori)	Per Sft	750.00		—	—	—
	(b) Marble Tiles (12" x 12" x 3/4") (Afghan, Ziarat White Malagori)	Per Sft	675.00		—	—	—
	(v)Marble Tiles (8 x4 x 3/8,6"x 4"x 3/8" 6 x 12" x 3/8") (Super Botisena Creame, Badal, Black & Verona)	Per Sft	40.00		—	—	—
	vi) Marble Tiles (8 "x 4" x 3/8", 6" x 4"x 3/8" 6" x 12" x 3/8) (Afghan Ziarat White Malagori)	per Sft	50.00		—	—	—
	(vii) Marble Tiles (12" x 12" x1/2") (Super Botisena Creame Badal, Black, & Verona)	Per Sft	100.00		—	—	—
	(viii) Marble Tiles (12 x 12" x 3/8")	Per Sft	350.00		—	—	—

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
	(Afghan Ziarat White, Malagori						
	(x) Kitchen Marble Top 1" thick (Super Botisena Creame, Badal, Black & Verona)	Per Sft	800.00		—	—	—
	(xi) Kitchen Marble Top 1" thick Black Granite	Per Sft	1850.00		—	—	—
35	Rubber Tiles (PVC) 12" x 12" x 1/8"	per Sft	200.00		—	—	—
36	Adhasive Mixture for Rubber Tiles	P/Litre	1500.00		—	—	—
37	(a) Mosaic Tiles 8" x 8" x 1" in gray cement	per Sft	90.00		—	—	—
	(b) Mosaic Tiles 8 x 8" x 1" in grey cement Khapcha	per Sft	110.00		—	—	—
38	(a) Mosaic Tiles 8" x 8 x 1" in white cement	per Sft	100.00		—	—	—
	(b) Mosaic Tiles 8" x 8" x 1" in grey cement Khapcha	per Sft	120.00		—	—	—
39	(a) Mosaic Tiles 12" x 12" x 1" in grey	per Sft	90.00		—	—	—
	(b) Monic Tiles 12" x 12" x 1" in grey cement with Khapcha	per Sft	100.00		—	—	—
40	(a) Mosaic Tiles 12" x 12" x 1" in whit	per Sft	100.00		—	—	—
	(b) Mosaic Tiles 12" x 12" x 1" in in white cement with Khapcha	per Sft	120.00		—	—	—
	(c) Mosaic Tiles 12" x 12" x 3/4" in in white cement with Khapcha	per Sft	110.00		—	—	—
41	Split Tiles Size 5" 1/4" x 10 1/2" x 3/8"						
	a) Glazed	P.Sft	225.00		—	—	—
	b) Semi glazed	P.Sft	210.00		—	—	—
	c) Glossy Glazed	P.Sft	205.00		—	—	—
	d) Un Glazed	P.Sft	200.00		—	—	—
	e) Step tiles	Each	300.00		—	—	—
42	Mosaic Chequerred tiles 11 x 8 x 1 1/4	Each	190.00		—	—	—
43	Moxic Chequerred tiles 8 x 8 x 1 1/4" & 24x48x3/4	Each	130.00		—	—	—

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
<u>CEMENT</u>							
44	White Cement	Per Bag			50.00 Kg	1250.00	At Factory
45	(a) Ordinary Portland Cement	Per Bag			50.00 Kg	1000.00	___do___
	(b) Sulphate Resistent Cement	Per Bag			50.00 Kg	1050.00	___do___
	(c) Slag Cement	Per Bag			50.00 Kg	950.00	___do___
46	Dampo/Padlo	Per Lb	100.00		Per kg	220.00	___do___
47	Cement Solvane	Per Lbs.	567.00		per kg	1250.00	___do___
48	High Bond Polymer Compound				P. Kg	450.00	___do___
<u>SAND</u>							
49	Pit Sand	%Cft	1560.00				At Source
50	Sand Haro or any other source Sand of the same modules of the fineess Hill sand	%Cft	3770.00				___do___
51	Crushed fire bricks graded as sand (3/4'	%Cft	4141.00				___do___
<u>LIME</u>							
52	Lime un slaked	Per Maund	1200.00		Per Kg	32.15	___do___
53	Slaked Lime	Per Maund	1300.00		Per Kg	34.83	___do___
<u>SURKHI</u>							
54	Surkhi	%Cft	2943.00				___do___
<u>STONE</u>							
55	Dressed stone 2'x2'x1"	Each	850.00				At Source
56	Dressed stone 2'x2'x1.5"	Each	1460.00				___do___
57	Dressed stone 2'x2'x2"	Each	850.00				___do___
58	Dressed stone 2'x2'x3"	Each	950.00				___do___
59	Header Stone (15" x 8 "x 10")	Each	950.00				___do___
60	Stone Boulder (9" to 12)	%Cft	3020.00				___do___
61	Stone 5" to 6 thick 8" deep and 12" to 15" long	Each	200.00				___do___
62	Carboarndum Stone	Each	450.00				do

S.#	Description	Imperial Units		S.I.Units		
		Units	Rate in Rs	Units	Rate in Rs	Remarks
63	Slicon Camida (Rubber Brick)	Each	1350.00	-		___do___
64	Marble Chips					
	(a) White	Per Cwt	500.00	P.M. Ton	100000.00	—
	(b) Black	Per Cwt	834.00	P.M. Ton	16670.00	—
	(c) Brown	Per Cwt	556.00	P.M. Ton	11120.00	—
	(d) Green	Per Cwt	695.00	P.M. Ton	13890.00	—
	(e) Golden	Per Cwt	500.00	P.M. Ton	100000.00	—
65	Quamed Stone	%Cft	2500.00			At Source
<u>STONE AND AGGREGATES</u>						
66	Pit Run Gravel	%Cft	2184.00	—	—	At Source
67	Shingle Aggregate 1/8" to 1/4	%Cft	2898.00	—	—	___do___
68	Stone Ballast 1" 1/2 x 2 guage	%Cft	4255.00	—	—	___do___
69	Brick Aggregate	%Cft	3020.00	—	—	___do___
70	9" thick Rubber or broken hard bricks	%Cft	2250.00	—	—	___do___
71	Hard murrum or five powdery murrum	%Cft	2682.00	—	—	___do___
72	Shingle naturally graded 1 1.2" ring	%Cft	2945.00	—	—	___do___
73	Shingle naturally graded 1" ring	%Cft	3410.00	—	—	___do___
74	Shingle naturally graded 3.4" ring	%Cft	3875.00	—	—	___do___
75	Much Bajri/Hill sand or Sand Haro	%Cft	4107.50	—	—	___do___
76	Stone crushed graded 1 1/2" ring	%Cft	3600.00	—	—	___do___
77	Stone crushed graded 1 ring	%Cft	4743.00	—	—	___do___
78	Stone crushed graded 3/4" ring	%Cft	5383.00	—	—	___do___
79	Stone Ballast 2" ring	%Cft	3642.50	—	—	___do___
80	Stone Ballast I 1/2" ring	%Cft	5070.00	—	—	___do___
81	Stone Ballast 1" ring	%Cft	4340.00	—	—	___do___
82	Stone Ballast 3.8" to 3/4" ring	%Cft	4937.00	—	—	___do___

S.#	Description	Imperial Units		S.I.Units		
		Units	Rate in Rs	Units	Rate in Rs	Remarks
83	Stone for Soling	%Cft	3927.00	—	—	___do___
84	Pitching Stone	%Cft	3100.00	—	—	___do___
<u>WOOD</u>						
85	Pan Wood	Per Cft	7000.00	PM3	—	—
86	(a) Teak Wood (1st Quality)	Per Cft	23000.00	___do___	—	—
	(b) Teak Wood (G.PT) (2nd Quality)	Per Cft	20000.00	___do___	—	—
	(c) Golden Teak	Per Cft	4800.00	___do___	—	—
87	Sheesham Wood (1st Quality)	Per Cft	7400.00	___do___	—	—
88	Kikar Wood	Per Cft	3300.00	___do___	—	—
89	Kail or Cheel Wood	Per Cft	3900.00	___do___	—	—
90	Scrap Wood/Fuel Wood/Fire Wood	Per Maund	1500.00	Per Kg	—	—
91	(a) Ply Wood (3 Ply) (Commercial)	Per Sft	103.12	PM2	—	—
	(b) Malaysian 8mm	Per Sft	243.75	___do___	—	—
	(c) Pakistani Made 8mm	Per Sft	103.12	___do___	—	—
92	Doodar Wood (1st Quality)	Per Cft	10000.00	PM3	—	—
93	Deodar Wood (2nd Quality)	Per Cft	7500.00	___do___	—	—
94	Masonite Bacolite (Plastic Sheet)	Per Sft	350.00	PM2	—	—
95	Partal Wood	Per Sft	4000.00	PM3	—	—
96	Wall Panel Sheet 4 mm (PVC Panel)	Per Sft	335.00	PM2	—	—
97	Chip Board 1/2" Superior quality	Per Sft	50.00	___do___	—	—
98	Chip Board 3/4" Superior quality	Per Sft	55.00	___do___	—	—
99	Hard Board	Per Sft	22.00	___do___	—	—
100	Formica (Plain)	Per Sft	42.18	___do___	—	—
101	Formica (Textured))	Per Sft	44.00	___do___	—	—
102	Formica Classic	Per Sft	46.00	___do___	—	—
103	(i) Window Blinds Plain	Per Sft	240.00	—	—	—
	(ii) Window Blinds Printed	Per Sft	380.00	—	—	—
104	Wooden Patti for Railing	Per Stf	400.00	—	—	—
	(i) Partal Wood	Per Rft	150.00	—	—	—

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
	(ii) Deodar Wood	Per Rft	240.00		—	—	—
105	Railing For Curtain (2"x3/4")	Per Rft	40.00		—	—	—
					—	—	
	(i) Standard quality (1-3/4"x1")	Per Rft	42.00		—	—	—
	(ii) Best quality(1-3/4"x1-1/4")	Per Rft	45.00		—	—	—
					—	—	
106	AC Frame				—	—	
	(i) Partal Wood	Each	3000.00		—	—	—
	(ii) Deodar Wood	Each	6000.00		—	—	—
					—	—	
107	Sawing of Wood (Machine)				—	—	—
	(a) hard Wood	Per Cft	200.00		—	—	—
	(b) Soft Wood	Per Cft	150.00		—	—	—
					—	—	
108	Wooden Beeding For Covering Joints of masonary and wooden frame of door etc.				—	—	—
	2"x 2 x 1/2 x 3/8	Per Rft	70.00		—	—	—
					—	—	
	<u>PAINT VARNISHES AND COLOURS</u>						
109	Paint (Varnish)	Per Gallon	8755.33		Per Litre	—	—
110	Paint (Ordinary) (ICD) Good Quality	Per Gallon	4488.33		__do__	—	—
111	French Polish	Per Gallon	5763.33		__do__	—	—
112	Varnish (Ordinary)	Per Gallon	2307.50		__do__	—	—
113	Varnish (1st Quality) 114 Solignum Paint	Per Gallon	4025.00		__do__	—	—
115	Soilgnum Paint	Per Gallon	4515.00		__do__	—	—
115	Emulsion Paint (1st Quality)	Per Gallon	2686.50		__do__	—	—
116	Black Jaman	Per Gallon	2500.00		__do__	—	—
117	Tarpentine Oil	Per Gallon	3428.67		__do__	—	—
118	Linseed Oil	Per Gallon	2500.00		__do__	—	—
119	Sand Paper						
	(a) Local	Dozen	600.00				
	(b) Imported	Dozen	800.00				
120	Cotton Waste	Per Lb	200.00		Per KG	—	—
121	Wax Polish	Per Lb	2025.00		__do__	—	—
122	Gum and Gum Resin	Per Lb	211.11		__do__	—	—
123	(i) Bitumen or Asphalt 80/100				Per Ton	157963.00	At National Refinery
	(ii) Bitumen (Cola)				Per Ton	145000.00	__do__
	(iii) Bitumen Felt Paper 50-Lbs	Per Sft	13.00		—	—	—

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
	(iv) Bitumen Felt Paper 60-Lbs	Per Sft	16.00		—	—	—
	(v) Bitumen Felt Paper 70-Lbs	Per Sft	20.00		—	—	—
	(vi) Jute Felt 50 Lbs	Per Sft	21.00		—	—	—
	(vii) Jute Felt 60 Lbs	Per Sft	23.00		—	—	—
	(viii) Jute Felt 70Lbs	Per Sft	25.00		—	—	—
	(ix) Bitumen Asphalt 60/70				P. Ton	135597.00	
124	(i) Distemper (Ordinary)	Per Gallon	2421.67		Per Liter	—	—
	(ii) Distemper (Vinyle Emulsion)	Per Gallon	3665.67		Per Liter	—	—
	(iii) (Plastic Emulsion)	Per Gallon	3860.67		Per Liter	—	—
125	Colouring Material	Per Lb	450.00		Per KG	—	—
126	Wood Preservative Creosote	Per Gallon	4600.00		Per Liter	—	—
127	Pigments	Per Lb	250.00		Per KG	—	—
128	Organo Coloring Pesticide (Anti Termite Solution)	Per Gallon	5383.33		Per Liter	—	—
129	Matt Finish (Good quality)	Per Gallon	5441.33	__do__	—	—	—
130	Weather Shield (Good quality)	Per Gallon	5014.33	__do__	—	—	—
131	Primer Sealer	Per Gallon	3047.33	__do__	—	—	—
132	Primer for Priming Coat Superior	Per Gallon	3820.33	__do__	—	—	—
133	Duroceming	Per Gallon	5240.00	__do__	—	—	—
134	(i) Chalk (Local)	P Lbs	3.62		P kg	8.20	
	(ii) Chalk (Soliguim)	Gallon	3670.00				
135	Zinc Powder	P Lbs	16.00		Per Kg	35.27	
136	Plaster of Paris (Powder)	P Lbs	14.50		P kg	31.97	
137	Plaster of Paris Sheet	Per Sft	150.00				
138	Brush 4" size	Each	790.00				
	a) Primer Red Oxide	Per Gallon	3042.67		Per Liter	—	—
	b) Primer Under Coat Walls	Per Gallon	2738.33		—	—	—
	c) Exterior Putty	Per Gallon	3220.33		—	—	—
	d) Interior Putty	Per Gallon	4590.00		—	—	—
	e) Rock wall	Per Sft	65.00		—	—	—
	f) Graphic (Graphoto)	Per Sft	35.00		—	—	—
	g) Colour (Create)	Per Sft	75.00		—	—	—

IRON WORKS

139	Corrugated and galvanized iron shoot 10,24,20 B/G and other gauges	Per Cwt	12200.00	Per Ton	244000.00	—
140	Steel Girders of various Section	Per Cwt	13750.00	Per Ton	275000.00	—
141	b) R.S.J Channel of variour section	Per Cwt	13750.00	Per Ton	275000.00	—
142	Iron Sheet Galvanized (8' x 3') Plain	Per Cwt	12200.00	P.M. Ton	244000.00	—
143	Iron Sheet Black Plain	Per Cwt	11800.00	P.M. Ton	236000.00	—

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
144	Angle Iron, T-Iron, Iron Strips grating CI Mould items, and Rolls	Per Cwt	13750.00		per Ton	275000.00	—
145	Cast Iron Raw				per Kg	210.00	—
146	M.S.Bars (Ordinary)	Per Cwt	9856.00		P.M. Ton	194000.00	—
147	M.S.Bars (Tor)	Per Cwt	10668.00		P.M. Ton	210000.00	—
	M.S.Bars (Deform)	Per Cwt	11425.00		P.M. Ton	228500.00	—
148	Binding Wire	Per Cwt	12500.00		Per Ton	250000.00	—
149	Barbed Wire				Per Kg	353.05	—
150	G.I. Wire 15 (6* Mesh)	Per Cwt	11600.00		per Ton	232000.00	—
151	(i) Wire gauze (144 Mesh)	Per Sft	100.00		—	—	—
	(ii) Wire gauze Aluminum (144 Mesh)	Per Sft	150.00		—	—	—
	(iii) Wire gauze Nyloon (144 Mesh)	Per Sft	50.00		—	—	—
152	(i) G.1 Expanded Matel 1/2 to 3/4" (16	Per Sft	104.00		—	—	—
	(ii) G.1 Expanded Matel 1/8" (20 Gauge)	Per Sft	80.00		—	—	—
	(iii) GI Expanded Matel 3/32" (20 Gauge)	Per Sft	75.00		—	—	—
	(iv) Aluminum Expanded Matel 3/32 (20 Gauge)	Per Sft	86.00		—	—	—
	(v) Welded Wire Mesh Square 1/2" with Coating (18 Gauge)	Per Sft	56.00		—	—	—
	(vi) Welded Wire Mesh Square 1/2" without Coating (18 Gauge)	Per Sft	72.00		—	—	—
	(vii) Crimped Gri Mesh Square 1" (12 Gauge)	Per Sft	130.00		—	—	—
	(viii) Crimped GI Mesh Square 1/2" (14 Gauge)	Per Sft	128.00		—	—	—
153	(i) Cast Iron Pipe 4" dia (Ordinary) (Teepu)	Per Rft	800.00		—	—	—
	(ii) Cast Iron Pipe 4" dia (Spum Type Heavy) (Tecpu)	Per Rft	1000.00		—	—	—
154	(i) Cast Iron Pipe 3" dia (Ordinary) (Tecpu)	Per Rft	633.33		—	—	—

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
	(ii) Cast Iron Pipe 3" dia (Spum Type Heavy) (Tecpu)	Per Rft	800.00		—	—	—
155	Cast Iron Heads for Pipe						
	a) 3"	Each	250.00		—	—	—
	b) 4"	Each	590.00		—	—	—
156	Hoop Iron	Per Cwt	5000.00		—	—	—
157	Tie Rod	Per Cwt	9500.00		—	—	—
158	Tie Rod Fixing arrangement	Per Rft	500.00		—	—	—
159	Rivets	Per Lbs	200.00		—	—	—
160	Hold Fast with bolts for C.I Pipes						
	a) 3" dia	Each	70.00		—	—	—
	b) 4" dia	Each	80.00		—	—	—
161	Iron Distance Marks	Each	500.00		—	—	—
162	Aluminum 1" x 1" x 1/8" (T/L)	Per Rft	50.00		—	—	—
163	Aluminum Sheets for Door's	Per Sft	26.60		—	—	—

IRON FITTINGS

164	Hasp and Staple (brass)	Per Dozen	400.00				
165	Sliding bolts 12" long complete with screw and nuts	Per Dozen	3045.00				
166	Sliding bolts 10" long complete with screw and nuts	Per Dozen	2665.00				
167	Sliding bolts 8" long complete with screw and nuts	Per Dozen	2295.00				
168	Sliding bolts 1 1/2 11 long complete with screw and us	Per Dozen	2490.00				
169	(i) Washer 3/16"	Per Dozen	20.00				
	(ii) Washer (General) (300 Kg)	Per Dozen	180.00				
170	Bitumen Washers	Per Dozen	400.00				
171	Lampet Washers for Truss roofing	Per Dozen	350.00				
172	Eye Staple 1 1/2 ft long	Each	70.00				

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
173	Eye Staple 4" long	Per Dozen		90.00			
174	Eye Staple 6" long	Per Dozen		120.00			
175	Hold Fast with pivot and clamp	Per Dozen		250.00			
176	Hooks (Small size)	Per Dozen		30.00			
177	Hooks with 1 1/2 f long	Per Dozen		60.00			
178	Hooks for Punkhas P'oles	Per Dozen		730.00			
179	T.Hinges 8" and 10"	Per Dozen		950.00			
180	Hinges 2 and 3"						
	a) 2"	Per Dozen		252.50			
	b) 3"	Per Dozen		498.50			
181	Sunk Handles	Per Dozen		880.00			
182	8" Bolts with Striples for paid lock	Per Dozen		2460.00			
183	4" Double Action Spring (Iron)	Each		5020.00			
	Hlinges, Screws Complete						
	(China)						
	a) 1-1/2"	Each		230.00			
	b) 1/2"	Each		100.00			
	c) 2"	Each		310.00			
	d) 1-1/4"	Each		200.00			
184	Butt Hinges 5"	Per Dozen		1330.00			
185	Hanger Hook including Pullout Rod	Per Rft		350.00			
186	Hanger Hook Cromium 24" length	Per Rft		700.00			
187	Iron Grill				Per Kg	250.00	
188	Zinc Plastic 7:16"	Per Sft		1400.00			
189	Iron Shoes for Survey Rod	Each		1000.00			
190	GI Buckets 24 Gauge 12" size	Each		1000.00			
191	Rim Lock Complete with Screws (Pak)	Each		1210.00			
192	Hanger Rod Iron Nickled for Cupboard 1/2 dis	Each		850.00			
193	GI Hooks 1/4"-1/2" dia	P/Dozen		275.00			
194	G.I shoes bends or off sets for east iron rain water down pipes	Each		800.00			

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks

195 Iron screws of sort for wooden ceiling for roof etc.

a) 1-1/2"	Per Packet	265.00
b) 1/2"	Per Packet	100.00
c) 2"	Per Packet	310.00
d) 1-1/4"	Per Packet	200.00

196 Rought iron bracket complete (for semi circular 8 fin gutters) Each 40.00

197 Wire Nails 2"x12" 50 Kg P/Package 12700.00

a) 4" 5 Kg 10 Nos. P/Package 1350.00

b) 10" P/Package 1350.00

c) 12" P/Package 575.00

198 Welding Rods (12 Nos.) (A) P/Package 700.00

Welding Rods (10 Nos.) (B) P/Package 1300.00

199 Screw for Fixing 1/2" Per Dozen 200.00

200 USD Sleeper 1" Each 250.00

(a) Gun Metal Per Kg 1200.00

BOLT AND NUTS

201 Screws and Nuts Per Kg 400.00

202 G.I Bolts and Nuts with Washer 1/2 dia 1 to 2" long Per Kg 375.00

203 Bolt of 1 1/2" size Per Kg 375.00

204 Bolt and Nuts Per Kg 375.00

205 Bolt and Nuts (Stoci) Per Kg 375.00

206 Bolt and Nuts 1/2" and 3" Long Per Kg 375.00

PAVING BLOCKS

207 (a) City: Quadra Cabbie

(i) Natural Colour (60-mm) Per Sft 138.00

(ii) Pigmented (60-mm) Per Sft 155.00

(iii) Natural Colour (80-mm) Per Sft 162.00

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
	(iv) Pigmented (80-mm)	Per Sft		175.00			
	(b) Split Block/Kerb Block						
	(i) Grey (70-mm)	Each		90.00			
	(ii) Grey (95-mm)	Each		125.00			
	(iii) Pigmented (70mm)	Each		125.00			
	(iv) Pigmented (95-mm)	Each		160.00			
	(c) Kerb Stones						
	(i) 6" x 12" x 18"	Each		250.00			
	(ii) 6" x 12" x 12"	Each		200.00			
	<u>ALUMINIUM FITTINGS</u>						
208	(i) Aluminium Framing for Hinges Door (Economy) (1.2 mm)	Per Sft		1357.00			
	(ii) Aluminium Framing for Hinges Door Delux Model Bornza white (1.6 mm)	Per Sft		1557.00			
	(iii) Aluminium Framing for Hinges Door (Economy) Door Delux Model Bornza (2 mm)	Per Sft		1416.00			
	(iv) Aluminium Framing for Hinges Door Delux (Double Action)	Each		900.00			
	(v) Aluminium Framing for Sliding Windows & Ventilators (Economy)	Per Sft		1400.00			
	(vi) Aluminium framing for Sliding Windows & Ventilators Delux White	Per Sft		2000.00			
	(vii) Aluminium framing for Sliding Windows& Ventilators Delux Bronza	Per Sft		650.00			

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
	(viii) Aluminium Framing for Fixed Glass (Glazing (Economy)	Per Sft		625.00			
	(ix) Aluminium Framing for Fixed Glass Glazing Delux White	Per Sft		850.00			
	(x) Aluminium Framing for Fixod Glass Glazing Delux Bronza	Per Sft		1405.00			
	(xi) Aluminium Fly Screws (Economy)	Per Sft		300.00			
	(xii) Aluminium Fly Screws Delux	Per Sft		325.00			
	(xiii) Door Closure Aluminium Door/ Hydraulic						
	(i) Single action good quality	Per Sft		10000.00			
	(ii) Single action good quality	Per Sft		25000.00			
	<u>BRASS FITTINGS</u>						
209	Tower Bolt Supenor 6"	Per Dozen		1500.00			
210	Tower Bolt Superior 8"	Per Dozen		2200.00			
211	Tower Bolt Supenor 9"	Per Dozen		3200.00			
212	Screws 1" (Brass)	%Nos		300.00			
213	Screws 1 1/2" to 2" (Brass)	%Nos		600.00			
214	Handles 8" (Brass)	%Nos		450.00			
215	Butt Hinges 2" and 3"	%Nos		965.00			
216	Hooks Small size	%Nos		307.00			
217	4 Double Action Spring Flinges Complete (Brass) with Screw (China)	Each		1250.00			
218	Brass Finger Plate	Each		1050.00			
219	Brass Spring Hings Complete with Screws	Each		1350.00			
	<u>GLASS PANS</u>						
220	Glass Pans (16 oz to 18 oz) 4mm China	Per Sft		240.00			

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
221	Glass Pans (24 oz to 26 oz) 4mm Chin:	Per Sft		300.00			
222	Glass Plate 1/4" thick China	Per Sft		475.00			
223	5mm Tinted Glass of China	Per Sft		690.00			
224	Broken Glass China	Per Maund		350.00			
<u>BAMBOOS AND STAKES</u>							
225	Bamboos 1 1/4" dia 11" long	Each		522.00			
226	Bamboos 1 1/2" dia 10" to 12" long	Each		570.00			
227	Bamboos 2" dia 10" to 12" long	Each		630.00			
228	Bamboos 2 1/2" dia to 5" dia, 10 ft long	Each		780.00			
229	Bamboos 2 1/2" dia to 5" dia. 10-1" to 12-00 it long	Each		840.00			
230	230 Bamboos 2 1/2" dia to 5" dia, 12-1" to 14'-00 ft long	Each		960.00			
231	231 Bamboos 2 1/2" dia to 5" dia, 14'-1" to 16-00 ft long	Each		1200.00			
232	232 Bamboos 2 1/2" dia to 5" dia, 16-1" 20-00 ft long	Each		1200.00			
233	Bamboos 25' Long, 3- 1/2" dia to 4" dia	Each		800.00			
235	Steaks 7 to 12" thick	%Nos		900.00			
236	Steaks 9 to 12" thick	%Nos		860.00			
<u>WOODEN PEGS & PLUGS</u>							
237	Wooden Peg 1 1/2" dia 6" long	%Nos		350.00			
238	Wooden Peg 2 to 3 dia 6" to 1 1/2" Lon	%Nos		750.00			
239	Wooden Plugs	%Nos		120.00			
240	Rawal Plugs	%Nos		200.00			

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks

241 Hard Wood Cotties %Nos 160.00

242 Wooden Rod with Shoes Per Rft 70.00

ROAD MAKING MACHINERY

243 Road Roller (10-12) Ton Shahzore (Taxila Make) Each 6000000.00

244 Capital Cost of D-7 Buldzer or equivalent Each 15000000

245 Capital Cost of Water Van including Water Pump Tank Capacity 1000 to 1200 Gallons) Each 5500000.00

246 Sheep foot Roller with Prim-Mover Each 5000000.00

247 Tyre with Tube for Truck and Water Van Each 150000.00

247 A Motor Grader Each 18000000.00

HIRE CHARGES

248 Hire Charges of Truck (5 Ton including Charges but excluding P.O.L) Per Day 12000.00

249 Hire Charges of Tractor (with disc.harrow for pulverion earth work) without POL.) Per Hour 1500.00

250 Hire Charges of Tractor with Trolly without P.O.L Per Day 10000.00

251 Hire Charges of Pressure Boiler for Bitumen Spray Per Day 2100.00

252 Hire Charges of Bitumen Mixer Per Day 10000.00

253 Hire Charges of Truck (10 Tons including all Charges but excluding P.O.L) Per Day 20000.00

S.#	Description	Imperial Units		S.I.Units		
		Units	Rate in Rs	Units	Rate in Rs	Remarks
254	Hire Charges of Concrete Mixture Machine Lifter & Vibrator including P O.L)	Per Day	25000.00			
255	Hire Charges of Welding Plant including all accessories	Per Day	10600.00			
256	Hire Charges of Cart	Per Day	1500.00			
257	Hire charges of D-8 Dozer	P.Hour	5000.00			
258	Excavator Wheel type (with fuel)	P.Hour	2500.00			
259	Excavator Chain type (with fuel)	P.Hour	3100.00			
260	Motor Grader	P.Hour	4500.00			
261	Vibratory Roller	P.Hour	3800.00			
262	Static Roller	P.Hour	1500.00			
263	a) Welding Plant	P.Hour	1500.00			
	b) Hire Charge dewatering pump	P.Hour	1000.00			
	i) 2"	P.Hour	1500.00			
	ii) 3"	P.Hour	1800.00			
	iii) 4"	P.Hour	2000.00			
	iv) 6"					
<u>FUEL FILTERS</u>						
257	Oil And Fuel Filter set for D Seven - Buldozers	Per Set	8125.00			
258	Fuel Filter of D Seven	Each	4650.00			
259	Diesel Filter of D Seven	Each	4650.00			
260	Air Filter D.Seven Buldozars	Each	5550.00			
<u>MISCELLANEOUS</u>						
261	Char Coal	Per Maund	3919.00			
262	Earth or Mud	%Cft	1500.00			
263	Atta	Per Maund	2986.00			

S.#	Description	Imperial Units		S.I.Units		
		Units	Rate in Rs	Units	Rate in Rs	Remarks
264	Gun Powder and Fuse	Each	1200.00			
265	Grain	Per Maund	2426.00			
266	Tent for one belcha strength (9x7)	Each	25000.00			
267	Thermopol Sheet (4 x 4' x 3/4)	Each	400.00			
268	Fly Screen (Foreign) (3 Shuuter size 3x4) Aluminum Mesh	Each	3900.00			
269	Fly Screen (Pak) (3 Shuuter size 3x4) F	Each	3420.00			
270	Bhoosa	Per Maund	1493.00			
271	Malting Sarkanda	%Sft	650.00			
272	Wire brush	P/No	100.00			
273	Broom (Coconut)	P/No	200.00			
274	Cow Dung Manure	%Cft	5000.00			
275	Surki	%Cft	3000.00			
276	Pilchi	%Sft	1000.00			
277	Taching Sarkanda	%Cft	3500.00			
278	Grass Taching	%Cft	2000.00			
279	Corrugated Asbestos Cement Sheets (b) Asbestos Cement Sheet (Dadex)	%Sft	14000.00			
280	Asbestos Cement Ridges	Per Rft	480.00			
281	Cost Price of Donkey	Each	160000.00			
282	Food for Donkey (Grain 60 Rs x 7 Kg =	Per Maund	2239.20			
283	Donkey Hut Clurgos/Donkey (Tent 7x7 6 Months		7000.00			
284	Polythin Sheet 0.13 mm 1st Quality	Per Sft	15.00			
285	Cane for Chair					
	(a) Thinner Cane			Per kg	500.00	
	(b) Thicker Cane			Per kg	700.00	

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
286	Plastic Canning				Per Kg	500.00	
287	Palm Matting	%Sft		50.00			
288	New Jute Blags 4 to 5 Cft (100 kg)	Each		340.00			
289	Sutli				Per Kg	45.00	
290	Munjwan				Per Kg	300.00	
291	(a) Synthetic Bags 4 to 5 cft	Each		35.00			
292	Coir Rope				Per kg	700.00	
293	Talanic Acid	Per Lbs.		409.10			
294	Caustic Soda	Per Lbs.		90.91			
295	Hassien Cloth (Rough)				Per Meter	100.00	
296	Long Cloth (Rough)				Per Meter	100.00	
297	Red Clothe				Per Meter	100.00	
298	Chopod Jute	P. Pound		50.00			
299	Cotton Rope				Per Kg	250.00	
300	Cotton Niwar (Superior)				Per kg	300.00	
301	Mineral Pitch	Per Lb		40.00			
302	Mirror Superior	Per Sft		950.00			
303	Stem Coal				Per Ton	4600.00	
304	Hinged Chocks 4" (Cleats)	Per Dozen		500.00			
305	Hinged Chocks 5	Per Dozen		900.00			
306	Hinged Chocks 6"	Per Dozen		975.00			
307	(i) Door stoper 6" (Deodar)	Per Dozen		1500.00			

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
	(ii) Door stoper 8" (Deodar)	Per Dozen	1800.00				
308	Lai Panjars upto 8" to 12 grith 7"ft Lor	%Nos	8000.00				
309	Lai Panjars upto 8 to 12" grith 9 to 12" ft long	%Nos	10000.00				Lead within One Mile
310	Munas (Laburas) 8" to 18 grith length 10 to 12 ft	%Nos	75000.00				__do__
311	Munas (Lalaras) 18 to 24 grith length upto 13 to 18	%Nos	100000.00				__do__
312	Pegs length upto 4' and grith upto 6" ft	%Nos	3000.00				__do__
313	Brush wood one cart load 20 Cft (Approximately)	Per Cart	1500.00				
314	Brush wood per truck 100 Cft	%Cft	8000.00				__do__
315	Royalty of Bush wood	%Cft	2000.00				
316	Alum				Per Kg	150.00	
317	Gunny Bag (1.25 Cft)	Each	100.00				
318	Lead Wool				Per Kg	700.00	
319	a) Rubber Packing (Superior quality)				Per Kg	800.00	
	b) Rubber Packing (Ordinary)				Per Kg	250.00	
320	Pacca Kam				Per Kg	650.00	
321	Filter Media	Per Cft	100.00				
322	Spun Yarn				Per Kg	650.00	
323	White Lead				Per Kg	600.00	
324	Pig Lead				Per Kg	500.00	
<u>FIXTURES ALDROP</u>							
325	(a) ALDROP 12" Long						
	(i) CP	Each	1800.00		—	—	—

S.#	Description	Imperial Units		S.I.Units		
		Units	Rate in Rs	Units	Rate in Rs	Remarks
	(ii) Iron	Each	1200.00	—	—	—
	(iii) Brass	Each	2450.00	—	—	—
				—	—	—
326	(a) TOWER BOLT 10" Long			—	—	—
	(i) C.P	Each	700.00	—	—	—
	(ii) Iron	Each	900.00	—	—	—
	(iii) Brass	Each	1200.00	—	—	—
				—	—	—
	(b) TOWER BOLT 4" Long			—	—	—
	(i) C.P	Each	400.00	—	—	—
	(ii) Iron	Each	500.00	—	—	—
	(iii) Brass	Each	600.00	—	—	—
				—	—	—
	(c) TOWER BOLT 6" Long			—	—	—
	(i) C.P	Each	500.00	—	—	—
	(ii) Iron	Each	600.00	—	—	—
	(iii) Brass	Each	700.00	—	—	—
				—	—	—
	(d) TOWER BOLT 8" Long			—	—	—
	(i) C.P	Each	600.00	—	—	—
	(ii) Iron	Each	700.00	—	—	—
				—	—	—
	(iii) Brass	Each	800.00	—	—	—
				—	—	—
	(e) TOWER 19 (Iron)	Each	1400.00	—	—	—
				—	—	—
	(f) TOWER BOLT 10" (Iron)	Each	1600.00	—	—	—
				—	—	—
	(G) TOWER BOLT 12" (Iron)	Each	1000.00	—	—	—
				—	—	—
	(h) TOWER BOLT 18" (Iron)	Each	1900.00	—	—	—
				—	—	—
327	HANDLES BOW			—	—	—
	(a) HANDLES BOW 4" Long			—	—	—
	(i) C.P	Each	150.00	—	—	—
				—	—	—
	(ii) Iron	Each	160.00	—	—	—
				—	—	—
	(iii) Brass	Each	190.00	—	—	—
				—	—	—
	(b) HANDLES BOW 6" Long			—	—	—
	(i) C.P	Each	160.00	—	—	—
				—	—	—
	(ii) Iron	Each	170.00	—	—	—
				—	—	—
	(iii) Brass	Each	190.00	—	—	—
				—	—	—

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
328	(a) HANDLES BOW 3" Long						
	(i) Iron	Each	140.00		—	—	—
	(ii) Iron (swedan)	Each	150.00		—	—	—
	(iii) Brass	Each	160.00		—	—	—
	(b) HANDLES BOW 4" Long				—	—	—
	(i) Iron	Each	170.00		—	—	—
	(ii) Iron (swedan)	Each	160.00		—	—	—
	(iii) Brass	Each	180.00		—	—	—
	(c) HANDLES BOW 5" Long				—	—	—
	(i) Iron	Each	190.00		—	—	—
	(ii) Brass	Each	225.00		—	—	—
329	HALICAL SPRING				—	—	—
	(i) Iron	Each	250.00		—	—	—
	(ii) C.P	Each	350.00		—	—	—
330	HYDRAULIC SPRING				—	—	—
	(i) Brano Brand	Each	2000.00		—	—	—
	(ii) Yalc Brand	Each	3100.00		—	—	—
331	<u>MORTICE LOCKS</u>				—	—	—
	(i) Pakistan 1st Quality	Each	1150.00		—	—	—
	(ii) Hongkong & China	Each	1890.00		—	—	—
	(iii) English	Each	2250.00		—	—	—
	(iv) Italy	Each	3630.00		—	—	—
332	Lock Japan	Each	4200.00		—	—	—
333	Nails	-			Per Kg	480.00	
334	HEAD STEEL WOOD SCREW						
	(A) Head Steel Wood Screw 1/4"						
	(i) Guage 3 No	%Nos	56.00		—	—	—
	(ii) Guage 4 No	%Nos	62.00		—	—	—

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
	(iii) Guage 5 No	%Nos	66.00		—	—	—
	(iv) Guage 6 No	%Nos	72.00		—	—	—
	(v) Guage 8 No	%Nos	95.00		—	—	—
	(B) Head Steel Wood Screw 5/8"				—	—	—
	(i) Guage 4 No	%Nos	70.00		—	—	—
	(ii) Guage 5 No	%Nos	80.00		—	—	—
	(iii) Guage 6 No	%Nos	100.00		—	—	—
	(iv) Guage 8 No	%Nos	120.00		—	—	—
	(C) Head Steel Wood Screw 3/4"				—	—	—
	(i) Guage 3 No	%Nos	75.00		—	—	—
	(ii) Guage 4 No	%Nos	85.00		—	—	—
					—	—	—
	(iii) Guage 5 No	%Nos	96.00		—	—	—
	(iv) Guage 6 No	%Nos	120.00		—	—	—
	(v) Guage 7 No	%Nos	150.00		—	—	—
	(vi) Guage 8 No	%Nos	175.00		—	—	—
	(vii) Guage 10 No	%Nos	210.00		—	—	—
	(D) Head Steel Wood Screw I"				—	—	—
	(ii) Guage 5 No	%Nos	82.00		—	—	—
	(ii) Guage 6 No	%Nos	98.00		—	—	—
	(iii) Guage 7 No	%Nos	120.00		—	—	—
	(iv) Gunge 8 No	%Nos	130.00		—	—	—
	(v) Guage 9 No	%Nos	150.00		—	—	—
	(vi) Guage 10 No	%Nos	190.00		—	—	—
	(vii) Guage 12 No	%Nos	240.00		—	—	—
					—	—	—

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
	(E) Head Steel Wood Screw 1 1/4"						
	(i) Guage 6 No	%Nos	110.00		—	—	—
	(ii) Guage 7 No	%Nos	130.00		—	—	—
	(iii) Guage 8 No	%Nos	150.00		—	—	—
	(iv) Guage 9 No	%Nos	175.00		—	—	—
	(v) Gunge 10 No	%Nos	200.00		—	—	—
	(vi) Gunge 12 No	%Nos	290.00		—	—	—
	(F) Head Steel Wood Screw 1 1/2"				—	—	—
	(i) Guage 6 No	%Nos	130.00		—	—	—
	(ii) Guage 7 No	%Nos	150.00		—	—	—
	(iii) Gunge 8 No	%Nos	170.00		—	—	—
					—	—	—
	(iv) Guage 9 No	%Nos	195.00		—	—	—
	(v) Guage 10) No	%Nos	240.00		—	—	—
	(vi) Guage 12 No	%Nos	260.00		—	—	—
	(G) Head Steel Wood Screw 1 3/4"				—	—	—
	(i) Guage 8 No	%Nos	140.00		—	—	—
	(ii) Guage 10 No	%Nos	210.00		—	—	—
	(iii) Guage 12 No	%Nos	290.00		—	—	—
	(H) Head Steel Wood Screw 2"				—	—	—
	(i) Guage 8 No	%Nos	210.00		—	—	—
	(ii) Guage 9 No	%Nos	290.00		—	—	—
	(iii) Guage 10 No	%Nos	340.00		—	—	—
	(iv) Guage 12 No	%Nos	410.00		—	—	—
	(v) Guage 14 No	%Nos	560.00		—	—	—
	(I) Head Steel Wood Screw 2 1/2"				—	—	—

S.#	Description	Imperial Units		S.I.Units		
		Units	Rate in Rs	Units	Rate in Rs	Remarks
	(i) Guage 8 No	%Nos	260.00	—	—	—
	(ii) Guage 9 No	%Nos	270.00	—	—	—
	(iii) Guage 10 No	%Nos	300.00	—	—	—
	(iv) Guage 12 No	%Nos	440.00	—	—	—
	(v) Guage 14 No	%Nos	640.00	—	—	—
	(J) Head Steel Wood Screw 3"			—	—	—
	(i) Guage 8 No	%Nos	280.00	—	—	—
	(ii) Guage 10 No	%Nos	400.00	—	—	—
	(iii) Guage 12 No	%Nos	560.00	—	—	—
	(iv) Guage 14 No	%Nos	790.00	—	—	—
	(K) Head Steel Wood Screw 3 1/2°			—	—	—
	(i) Guage 12 No	%Nos	600.00	—	—	—
	(ii) Guage 14 No	%Nos	800.00	—	—	—
	(L) Head Steel Wood Screw 4"			—	—	—
	(i) Gunge 12 No	%Nos	700.00	—	—	—
	(ii) Guage 14 No	%Nos	920.00	—	—	—
	<u>OIL AND LUBRICANTS</u>			—	—	—
335	(a) Brake Oil No. 21	Per Tin 300 Mili Litre	550.00	—	—	—
	(b) Brake Oil (Pakistan State Oil)	Per Tin 300 Mili Litre	800.00	—	—	—
	(c) Brake Oil (Shell)	Per Tin 300 Mili Litre	900.00	—	—	—
	(d) Flushing Oil	Per Tin 300 Mili Litre	180.00	—	—	—
336	(a) Gear Oil (Shell)	Per Drum 210 Litre	71200.00	—	—	—
	(b) Gear Oil (Pakistan State Oil)	Per Tin 300 Mili Litre	1780.00	—	—	—
	(c) Gear Oil (Shell)	Per Tin 300 Mili Litre	2240.00	—	—	—

BATTERY

S.#	Description	Imperial Units		S.I.Units		
		Units	Rate in Rs	Units	Rate in Rs	Remarks
337	(a) Battery Exide/AGS (6 Volts) (29 Plates) (Heavy Duty)	Each	9700.00			
	(b) Battery Exide/AGS (12 Volts) (9 Plates) (Heavy Duty)	Each	5700.00			
	(c) Battery Exide/AGS (12 Volts) (11 Plates) (Heavy Duty)	Each	6800.00			
	(d) Battery Exide/AGS (12 Volts) (13 Plates) (Heavy Duty)	Each	12800.00			
	(e) Battery Exide/AGS (12 Volts) (15 Plates) (Heavy Duty)	Each	15000.00			
	(f) Battery Exide/AGS (12 Volts) (17 Plates) (Heavy Duty)	Each	16500.00			
	(g) Battery Exide/AGS (12 Volts) (19 Plates) (Heavy Duty)	Each	18200.00			
	(h) Battery Exide/AGS (12 Volts) (21 Plates) (Heavy Duty)	Each	20000.00			
	(i) Battery Exide AGS (12 Volts) (23 Plates) (Heavy Duty)	Each	24000.00			
	(j) Battery Exide/AGS (12 Volts) (25 Plates) (Heavy Duty)	Each	26000.00			
	(k) Battery Exide/AGS (12 Volts) (27 Plates) (Heavy Duty)	Each	28000.00			
	(l) Battery Exide/AGS (12 Volts) 33 Plates) (Heavy Duty)	Each	38000.00			
	<u>OTHER</u>					
338	(1) G.I Bucket 16 guage No. 12 with iron hook and handle (weighing 2.75 Kg) Top dia 10 5 Bottom dia 7"	Each	800.00			
	(2) Spade (China Make) with wooden handle (weighing 3.30 lbs) 14 gunge 13 Blade size 0.75" x 0.75"	Each	600.00			
	(3) Pickaxe (China Make) with wooden handle No. 5 (weighing 3 Kg size 21" x 0.20)	Each	780.00			
	(4) Showel (China Make) with wooden handle No 5 (weighing 2 Kg)	Each	600.00			
	(5) Tokka (Bamboo cutter) made of (Kamani Steel) (weighing 1 3 Kg)	Each	900.00			

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
	(6) Jubble made of (Hi Carbon Steel Axle) 6 ft long 1.3° dia (wergang 12 5 Kg)	Each	1800.00				
	(7) Manila Rope 1 dia (01 Kg 7.H)	Each	700.00				
	(8) Manila Rope 1/2" dia (01 Kg 10ft)	Each	650.00				
	(9) Chise 9 long made of (Hi Carbon Steel Axle) size 1.3 dia weighing 1.5 Kg	Each	400.00				
	(10) Chise 6 long made of (Kamani Steel) weighing 1.5 Kg	Each	200.00				
	(11) Hammer (Gun) with wooden handle made of (Rail Patti Steel) weighting 20 Lbs length 8.5"- 3" dia 20	Each	1600.00				
	(12) Hammer (Gun) with wooden handle made of (Rail Patti Steel) weighting 10 Lbs length 6.5"- 2.5" dia	Each	1050.00				
	(13) Hammer (Gun) with wooden handle made of (Rail Patti Steel) weighting 05 lbs length 5.3"-2" dia	Each	1000.00				
	(14) Hand Trolly (14" guage) 1 1/2 angle 6 ply (Metro) weighing 28 Kg	Each	7500.00				
	(15) Dandal with wooden handle size 0.91" x 0.66" weighing 2 Kg	Each	750.00				
	(16) Cafgheer with handle 9" dia weight 01 Kg	Each	950.00				
	(17) Torcha (Spotlight) China Brand	Each	1250.00				
	(18) Life belt complete with all accessories (local make)	Each	2800.00				

339 **HIBOND PRE-PAKAGED POLYMER MODIFED MORTAR (DUPMM)**

(1) Hi Bond (Universal)	—	—	Per Kg	1200.00
(2) Hi Bond (Sealer)	—	—	Per Kg	840.00

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
	(3) Hi Bond (Tile Adhesive)	—	—		Per Kg	120.00	
	(4) Hi Bond Grouts	—	—		Per Kg	450.00	
	(5) Hi Bond Grouts Coloured	—	—		Per Kg	450.00	
	(6) Hi Bond (Paint Finish)	—	—		Per Kg	800.00	
	(7) Super Plasticized OPC	—	—		Per Kg	1800.00	
	(8) Super Plasticized SR Cement	—	—		Per Kg	2000.00	
340	<u>P.V.C. GEO - MAMBRANE</u>						
	(a) 0.25 mm. Thick Membrane	Per Sft	40.00		P. M2	131.50	
	(b) 0.50 mm. Thick Membran:	Per Sft	67.00		P,M2	219.76	
	(c) 0.75 mm. Thick Membrane	Per Sft	98.00		P,M2	321.44	
341	UPVC Sheet for Doors	Per Sft	80.00				
342	Fiber Sheet 3mm	Per Sft	500.00				
343	Ghazibo Size 20" x 10 x 8"	Per Sft	450.00				
344	Artificial Grass	Per Sft	350.00				
345	Stainless Steel Letters Size 18" x 18"	Each	1900.00				
346	Lasani Sheet / MDF 8" x 4"	Per Sft	200.00				
347	Gypsum Board 8" x 4"	Per Sft	300.00				
348	Thermopole Sheet	Per Sft	250.00				
	<u>TOOLS & PLANTS</u>						
349	Hire Charges Tractor (Trolly /80 HP)	Per Hour	985.80				
350	Hire Charges Water Tank Bowzer Type 12,000 Ltrs	Per Hour	8200.00				
351	Hire Charges Water Tank Bowzer Type 8,000 Ltrs	Per Hour	6600.00				
352	Hire Charges Water Tank Bowzer Type 4,000 Ltrs	Per Hour	4100.00				

S.#	Description	Imperial Units			S.I.Units		
		Units	Rate	in Rs	Units	Rate in Rs	Remarks
353	Hire Charges Water Tank Bowzer Type 3,000 Ltrs	Per Hour	3500.00				
354	Hire Charges Water Tank Bowzer Type 1,000 Ltrs	Per Hour	2200.00				
355	Hire Charges Pump 4" Delivery (Diesel)	Per Hour	969.00				
356	Hire Charges Compressor 300 CFM	Per Hour	3120.99				
357	Hire Charges Cold Milling Machine. 1m Wide	Per Hour	13635.18				
358	Hire Charges Tungsten Carbide Bits (Scarifying Tool)	Set	390600.00				
359	Hire Charges Steel Post C 150X100X5 (Length 1,830 mm)	Each	4446.82				
360	Hire Charges Concrete Batching Plant 30 Cum/H	Cu.m/Hour	7192.00				
361	Hire Charges Concrete Transit Mixer 6 Cum	6 Cu.m	8390.00				
362	Hire Charges Concrete Transit Mixer 4Cum	4 Cu.m	7174.00				
363	Hire Charges Concrete Static Mixer 1 Cum	1 Cu.m	1560.00				
364	Hire Charges Concrete Static Mixer 1/4 Cum	1/4 Cu.m	914.00				
365	Hire Charges Vibrator (Poker 1.5")	Per Hour	779.65				
366	Hire Charges Concrete Pump	Per Hour	7959.00				
367	Hire Charges Forging / Shape Machine	Per Hour	750.00				
368	Hire Charges Electric Charges Commercial	Per Unit	27.00				
369	Hire Charges Stressing Equipment	Per Hour	2514.00				
370	Hire Charges Crane 20 T	Per Hour	4100.00				
371	Hire Charges Crane 45 T	Per Hour	5050.00				
372	Hire Charges Percussion Boring Rig (Diesel)	Per Hour	1050.00				
373	Hire Charges Pilling Rig (Dia Upto 1.00 m)	Per Hour	5450.00				
374	Hire Charges Pilling Rig (Dia 1m TO 2m)	Per Hour	9875.00				
375	Hire Charges Trailer Low Bed 30 T	Per Hour	4975.00				

MATERIAL

376	Stone Random Class "A" (Riprap/Stone Pitching) upto 20mm	% Cft.	4152.17	Per Cu-m	1466.16	
377	Stone Random Class "B" (Riprap/Stone Pitching) upto 45mm	% Cft.	3752.40	Per Cu-m	1325.00	

S.#	Description	Imperial Units		S.I.Units		
		Units	Rate in Rs	Units	Rate in Rs	Remarks
378	Stone Random Class "C" (Riprap/Stone Pitching) upto 60mm	% Cft.	3622.13	Per Cu-m	1279.00	
379	Stone Dressed	% Cft.	3823.20	Per Cu-m	1350.00	
380	Coarse Sand	% Cft.	3128.85	Per Cu-m	1104.82	
381	Curing Compound	Ltr	125.00			
382	Shuttering A Under Ground	Cft	5.12	Cum	180.46	
383	Shuttering B On Ground	Cft	21.30	Cum	750	
384	Shuttering C Elevated	Cft	24.85	Cum	875	
385	Shuttering D Concrete Class D	Cft	29.82	Cum	1050	
386	Shuttering For Pile Test 120 Tonne	L.S	94000.00			
387	Shuttering For Pile Test 240 Tonne	L.S	185000.00			
388	Shuttering For Pile Test 550 Tonne	L.S	495000.00			
389	Shuttering For Pile Test 800 Tonne	L.S	584000.00			
390	Welding Rods	Each	18.00			
391	Accelerator	Ltr	156.06			
392	Bitumen Impregnated Fiber Board			Sqm	3960.65	
393	Joint Sealant Filter	Kg	562.50			
394	Neoprene Rubber Joint Felt	Kg	1591.07			
395	PVC Water Stops 8" Size	L.M	571.16			
396	Steel Casing for Piles	Ton	251000.00			
397	Prestressing Strands 3/8", 1/2"	Ton	365000.00			
398	Sheaths (2" Dia)	L.M	232.54			
399	Line Anchorages (3/8", 1/2")	Nos	4943.63			
400	Girder Launcher	Hr	6500.00			
401	Steel Expansion Joint (Imported)	Kg	352.00			
402	Steel Expansion Joint (Local)	Kg	292.00			
403	Bridge Expansion Joint with Two Extruded Aluminum Alloy	L.M	56000.00			
404	Bridge Expansion Joint with Cast Aluminum	L.M	148000.00			
405	Steel Expansion Joint Monoblock (65mm)	L.M	99450.00			
406	Elastomeric Bearing Pad M-183	Cu.cm	4.25			
407	Elastomeric Bearing Pad M-183 (Imported)	Cu.cm	8.50			
408	Cementitious Grout (High Strength)	Cum	145391.00			
409	Asphalt Felt (3 Ply)	Sqm	540.50			
410	Steel / Metal Bearing Devices	Kg	225.00			
411	Soil Class - A4	Cum	150.00			
412	Bentonite Powder	Kg	31.25			
413	Mobilization of Pilling Equipment	Mtr	375.00			
414	GMS Screw, Nuts, Bolts and Washers	Kg	202.37			
415	Galvanization	Kg	35.81			
416	Steel Block C 150 X 100 X 5 (Length 350 mm)	Each	753.28			
417	Steel Backing Plate 318 X 270 X 12	Each	1267.14			
418	Metal Rail End Pieces	Each	3053.40			

S.#	Description	Imperial Units		S.I.Units		
		Units	Rate in Rs	Units	Rate in Rs	Remarks
419	Scaffolding A	Cum	525.00			
420	Scaffolding B	Cum	150.00			
421	Crane 10 Ton including Operator & Fuel	Per Hour	3200.00			
422	Crane 20 Ton including Operator & Fuel	Per Hour	4100.00			
423	<u>SOLAR SYSTEM</u>					
	(i) Solar Plate 545/550w Mon PERC	P.No	75230.00	—	—	—
	(ii) Maximum Power Point Tracker of (MPPT) 18.5KW	P.No	515900.00	—	—	—
	(iii) DC Flex cable 10mm x3 Coper	P.Rft	723.00	—	—	—
	(iv) AC Flex cable 10mm x3 Coper	P.Rft	1045.00	—	—	—
	(v) G.I Angle Iron Structure for Solar Pv Pan (L.3 Fix)	P.Solar Plare	19028.00	—	—	—
	(vi) VFD and breaker box 20x24	P.No	33500.00	—	—	—
	(vii) Grounding / Earthing Arragement with copper plate 12"x12" and 5mm thick with 6mm copper tallbe.	P.Job	53600.00	—	—	—
	(viii) PV Junction box 6" x 4" with heavy duty terminals.	P.No	5159.00	—	—	—
	(ix) Control Panel box (PV Protect)	P.No	8710.00	—	—	—
	(x) AC DC breaker box (PV Protect)	P.No	8710.00	—	—	—
	(xi) Submersiable Centnfugal pump 6" : submercible squirrel cage induction motor 20 HP 3 Phase 3x380 walt.50Hz(Valualbe speed material SS 304)	P.No	328300.00	—	—	—
424	<u>SMALL DAMS</u>					
	(i) Supplying of PVC Water Stopper	Rft	1850.00	—	—	—

GOVERNMENT OF SINDH



SCHEDULE OF RATES-2022

VOLUME-III PART-IV

**SCHEDULE OF RATES (MATERIAL)
PUBLIC HEALTH ENGINEERING ITEMS.**

7TH EDITION 2022

PUBLICATION NO. 60

SCHEDULE OF RATES (MATERIALS)
FOR PUBLIC HEALTH ENGINEERING ITEMS

2022

CONTENTS

Sr. No.	DISCRIPTION	PAGE NO.
1	Reinforced Cement Concrete Pipes.	1-2
2	F.C Pressure Pipe with fitting / Specials.	2-4
3	UPVC Pressure Pipe.	5
4	UPVC Pressure Pipe. (Z-Joint)	5-6
5	High Density Polyethylene (HDPE-100)	6-8
6	High Density Double Wall P.E Corrugated Pipe	9
7	Cast Iron Fittings / Specials.	9-17
8	HDPE Fittings / Specials	18-21
9	M.S Black Steel Pipe.	22-24
10	Miscellaneous Items.	25
11	PVC Blind Pipes & Strainer for Tube Wells.	26-27
12	Specials Cast Iron fitting for PVC Pipes.	28-29
13	Mild Steel Pipes	30
14	M.S Pipe 14",16" & 18" dia made out of M.S Sheet	31

BASIC MATERIALS

These Rates (exclusive of Contractor's Profit) of Material
in accordance with Pakistan Standard Quality and Control Authority (PSQCA).

S.#	Description	S.I Units		Imperial Units		Remarks
		Units	Rate in Rs.	Units	Rate in Rs.	

I.R.C.C Pipes

- 1 RCC pipes "A" class with one collar with each pipe (BSS 785, 1144) D.G.S&D Specification) (Test pressure 4.5 meter or 15 ft: Water Head).

a)	For	75	mm	(3"	dia)	R/Meter	284.26	P/Rft	86.64	Ex-Factory
b)	For	100	mm	(4"	dia)	R/Meter	355.32	P/Rft	108.30	Rate as per
c)	For	150	mm	(6"	dia)	R/Meter	426.40	P/Rft	129.96	price list
d)	For	225	mm	(9"	dia)	R/Meter	373.10	P/Rft	113.72	
e)	For	300	mm	(12"	dia)	R/Meter	719.55	P/Rft	219.31	
f)	For	375	mm	(15"	dia)	R/Meter	906.10	P/Rft	276.17	
g)	For	450	mm	(18"	dia)	R/Meter	1012.70	P/Rft	308.66	
h)	For	525	mm	(21"	dia)	R/Meter	1439.10	P/Rft	438.62	
i)	For	600	mm	(24"	dia)	R/Meter	1599.00	P/Rft	487.35	
j)	For	675	mm	(27"	dia)	R/Meter	2078.70	P/Rft	633.56	
k)	For	750	mm	(30"	dia)	R/Meter	2451.80	P/Rft	747.27	
l)	For	900	mm	(36"	dia)	R/Meter	3997.50	P/Rft	1218.38	
m)	For	1050	mm	(42"	dia)	R/Meter	6929.00	P/Rft	2111.86	
n)	For	1125	mm	(45"	dia)	R/Meter	7462.00	P/Rft	2274.31	
o)	For	1200	mm	(48"	dia)	R/Meter	9594.00	P/Rft	2924.11	
p)	For	1275	mm	(51"	dia)	R/Meter	10926.50	P/Rft	3330.23	
q)	For	1350	mm	(54"	dia)	R/Meter	14284.40	P/Rft	4353.67	
r)	For	1500	mm	(60"	dia)	R/Meter	19188.00	P/Rft	5848.22	

- 2 RCC pipes "B" class with one collar with each pipe (BSS 785, 1144) D.G.S&D Specification) (Test pressure 22.5 meter or 75 ft: Water Head).

a)	For	75	mm	(3"	dia)	R/Meter	326.87	P/Rft	99.63	Ex-Factory
b)	For	100	mm	(4"	dia)	R/Meter	408.63	P/Rft	124.54	Rate as per
c)	For	150	mm	(6"	dia)	R/Meter	490.36	P/Rft	149.45	price list
d)	For	225	mm	(9"	dia)	R/Meter	429.07	P/Rft	130.77	
e)	For	300	mm	(12"	dia)	R/Meter	826.15	P/Rft	251.80	
f)	For	375	mm	(15"	dia)	R/Meter	1066.00	P/Rft	324.90	
g)	For	450	mm	(18"	dia)	R/Meter	1172.60	P/Rft	357.39	
h)	For	525	mm	(21"	dia)	R/Meter	1665.63	P/Rft	507.66	
i)	For	600	mm	(24"	dia)	R/Meter	1838.85	P/Rft	560.45	
j)	For	675	mm	(27"	dia)	R/Meter	2398.50	P/Rft	731.03	
k)	For	750	mm	(30"	dia)	R/Meter	2824.90	P/Rft	860.99	
l)	For	900	mm	(36"	dia)	R/Meter	4637.10	P/Rft	1413.32	
m)	For	1050	mm	(42"	dia)	R/Meter	7995.00	P/Rft	2436.76	
n)	For	1125	mm	(45"	dia)	R/Meter	8634.60	P/Rft	2631.70	
o)	For	1200	mm	(48"	dia)	R/Meter	11193.00	P/Rft	3411.46	

- 3 RCC pipes "C" class with one collar with each pipe (BSS 785, 1144) D.G.S&D Specification) (Test pressure 45 meter or 150 ft: Water Head).

a)	For	75	mm	(3"	dia)	R/Meter	387.31	P/Rft	118.05	Ex-Factory
b)	For	100	mm	(4"	dia)	R/Meter	483.25	P/Rft	147.29	Rate as per
c)	For	150	mm	(6"	dia)	R/Meter	579.19	P/Rft	176.53	price list
d)	For	225	mm	(9"	dia)	R/Meter	533.00	P/Rft	162.45	
e)	For	300	mm	(12"	dia)	R/Meter	959.40	P/Rft	292.41	
f)	For	375	mm	(15"	dia)	R/Meter	1279.20	P/Rft	389.88	
g)	For	450	mm	(18"	dia)	R/Meter	1385.80	P/Rft	422.37	

S.#	Description	S.I Units		Imperial Units		Remarks
		Units	Rate in Rs.	Units	Rate in Rs.	

4 General RCC pipe with rubber ring joints.

a)	For	200 mm	(9" dia)	R/Meter	1804.55	P/Rft	550.00	Ex-Factory
b)	For	300 mm	(12" dia)	R/Meter	2296.70	P/Rft	700.00	Rate as per
c)	For	375 mm	(15" dia)	R/Meter	2788.85	P/Rft	850.00	price list
d)	For	450 mm	(18" dia)	R/Meter	3937.20	P/Rft	1200.00	
e)	For	525 mm	(21" dia)	R/Meter	4921.50	P/Rft	1500.00	
f)	For	600 mm	(24" dia)	R/Meter	6233.90	P/Rft	1900.00	
g)	For	675 mm	(27" dia)	R/Meter	6890.10	P/Rft	2100.00	
h)	For	750 mm	(30" dia)	R/Meter	8743.87	P/Rft	2665.00	
i)	For	825 mm	(33" dia)	R/Meter	11230.86	P/Rft	3423.00	
j)	For	900 mm	(36" dia)	R/Meter	11896.91	P/Rft	3626.00	
k)	For	1050 mm	(42" dia)	R/Meter	23623.20	P/Rft	7200.00	
l)	For	1200 mm	(48" dia)	R/Meter	31169.50	P/Rft	9500.00	
m)	For	1350 mm	(54" dia)	R/Meter	37731.50	P/Rft	11500.00	
n)	For	1500 mm	(60" dia)	R/Meter	52496.00	P/Rft	16000.00	
o)	For	1800 mm	(72" dia)	R/Meter	60698.50	P/Rft	18500.00	
P)	For	2100 mm	(84" dia)	R/Meter	86946.50	P/Rft	26500.00	

5 RCC pipes ASTM-C-76 class II wall B with one rubber ring with each pipe

a)	For	225 mm	(9" dia)	R/Meter	1968.60	P/Rft	600.00	Ex-Factory
b)	For	300 mm	(12" dia)	R/Meter	2690.42	P/Rft	820.00	Rate as per
c)	For	375 mm	(15" dia)	R/Meter	3281.00	P/Rft	1000.00	price list
d)	For	450 mm	(18" dia)	R/Meter	4593.40	P/Rft	1400.00	
e)	For	525 mm	(21" dia)	R/Meter	5249.60	P/Rft	1600.00	
f)	For	600 mm	(24" dia)	R/Meter	6233.90	P/Rft	1900.00	
g)	For	675 mm	(27" dia)	R/Meter	8858.70	P/Rft	2700.00	
h)	For	750 mm	(30" dia)	R/Meter	12904.17	P/Rft	3933.00	
l)	For	900 mm	(36" dia)	R/Meter	15748.80	P/Rft	4800.00	
j)	For	1050 mm	(42" dia)	R/Meter	22967.00	P/Rft	7000.00	
k)	For	1200 mm	(48" dia)	R/Meter	34450.50	P/Rft	10500.00	
l)	For	1350 mm	(54" dia)	R/Meter	41012.50	P/Rft	12500.00	
m)	For	1500 mm	(60" dia)	R/Meter	55777.00	P/Rft	17000.00	
n)	For	1800 mm	(72" dia)	R/Meter	86946.50	P/Rft	26500.00	
o)	For	2100 mm	(84" dia)	R/Meter	113194.50	P/Rft	34500.00	

Note:- If sulphate resistance cement is used in the manufacturing of RCC Pipes the difference of cost in ordinary and sulphate resistance cement and resistivity cement at source should be paid separately.

II.F.C Pressure Pipes

1 FC Pressure pipes "B" class with one collar & one pair of rubber ring with each pipe (Test pressure 122 meter or 400 ft: Water Head).

a)	For	75/80 mm	(3" dia)	R/Meter	554	P/Rft	169	Ex-Factory
b)	For	100 mm	(4" dia)	R/Meter	729	P/Rft	222	Rate as per
c)	For	150 mm	(6" dia)	R/Meter	1162	P/Rft	354	price list
d)	For	200 mm	(8" dia)	R/Meter	1962	P/Rft	598	
e)	For	250 mm	(10" dia)	R/Meter	2676	P/Rft	816	
f)	For	300 mm	(12" dia)	R/Meter	3542	P/Rft	1080	
g)	For	350 mm	(14" dia)	R/Meter	5460	P/Rft	1664	
h)	For	400 mm	(16" dia)	R/Meter	6955	P/Rft	2120	
l)	For	450 mm	(18" dia)	R/Meter	8676	P/Rft	2644	
j)	For	500 mm	(20" dia)	R/Meter	10680	P/Rft	3255	
k)	For	600 mm	(24" dia)	R/Meter	14777	P/Rft	4504	
l)	For	700 mm	(28" dia)	R/Meter	23858	P/Rft	7272	

S.#	Description	S.I Units		Imperial Units		Remarks
		Units	Rate in Rs.	Units	Rate in Rs.	
m)	For 800 mm (32" dia)	R/Meter	27313	P/Rft	8325	
n)	For 1000 mm (40" dia)	R/Meter	42314	P/Rft	12897	

2 FC Pressure pipes "C" Class with one collar & one pair of rubber ring with each pipe (Test pressure 183 meter or 600 ft: Water Head).

a)	For 75/80 mm (3" dia)	R/Meter	554	P/Rft	169	Ex-Factory
b)	For 100 mm (4" dia)	R/Meter	806	P/Rft	246	Rate.
c)	For 150 mm (6" dia)	R/Meter	1401	P/Rft	427	
d)	For 200 mm (8" dia)	R/Meter	2226	P/Rft	679	
e)	For 250 mm (10" dia)	R/Meter	3109	P/Rft	948	
f)	For 300 mm (12" dia)	R/Meter	4338	P/Rft	1322	
g)	For 350 mm (14" dia)	R/Meter	8021	P/Rft	2445	
h)	For 400 mm (16" dia)	R/Meter	10267	P/Rft	3129	
l)	For 450 mm (18" dia)	R/Meter	12602	P/Rft	3841	
j)	For 500 mm (20" dia)	R/Meter	14999	P/Rft	4571	
k)	For 600 mm (24" dia)	R/Meter	21160	P/Rft	6449	

3 FC Pressure pipes "D" class with one collar & one pair of rubber ring with each pipe (Test pressure 244 meter or 800 ft: Water Head).

a)	For 75/80 mm (3" dia)	R/Meter	554	P/Rft	169	Ex-Factory
b)	For 100 mm (4" dia)	R/Meter	921	P/Rft	281	Rate as per
c)	For 150 mm (6" dia)	R/Meter	1691	P/Rft	515	price list
d)	For 200 mm (8" dia)	R/Meter	3005	P/Rft	916	
e)	For 250 mm (10" dia)	R/Meter	4444	P/Rft	1355	
f)	For 300 mm (12" dia)	R/Meter	6502	P/Rft	1982	
g)	For 350 mm (14" dia)	R/Meter	11625	P/Rft	3543	
h)	For 400 mm (16" dia)	R/Meter	15037	P/Rft	4583	
l)	For 450 mm (18" dia)	R/Meter	18108	P/Rft	5519	
j)	For 500 mm (20" dia)	R/Meter	22103	P/Rft	6737	
k)	For 600 mm (24" dia)	R/Meter	31962	P/Rft	9742	

4 F.C Comet Joint "B" Class

a)	For 75/80 mm (3" dia)	Each	155.35			Ex-Factory
b)	For 100 mm (4" dia)	Each	244.40			Rate as per
c)	For 150 mm (6" dia)	Each	303.55			price list
d)	For 200 mm (8" dia)	Each	453.70			
e)	For 250 mm (10" dia)	Each	692.25			
f)	For 300 mm (12" dia)	Each	917.15			
g)	For 350 mm (14" dia)	Each	1720.55			
h)	For 400 mm (16" dia)	Each	2264.60			
l)	For 450 mm (18" dia)	Each	2414.75			
j)	For 500 mm (20" dia)	Each	3167.45			
k)	For 600 mm (24" dia)	Each	4795.05			
l)	For 700 mm (28" dia)	Each	6040.45			
m)	For 800 mm (32" dia)	Each	6932.90			
n)	For 1000 mm (40" dia)	Each	12810.20			

5 F.C Comet Joint "C" Class

a)	For 75/80 mm (3" dia)	Each	155.35			Ex-Factory
b)	For 100 mm (4" dia)	Each	257.40			Rate as per
c)	For 150 mm (6" dia)	Each	433.55			price list
d)	For 200 mm (8" dia)	Each	543.40			
e)	For 250 mm (10" dia)	Each	796.90			
f)	For 300 mm (12" dia)	Each	1053.65			
g)	For 350 mm (14" dia)	Each	2645.50			

S.#	Description	S.I Units		Imperial Units		Remarks
				Units	Rate in Rs.	
	h)	For	400 mm (16"	Each	2836.60	
	l)	For	450 mm (18"	Each	3583.45	
	j)	For	500 mm (20"	Each	4022.20	
	k)	For	600 mm (24"	Each	7612.80	

6 F.C comet joint "D" Class

a)	For	75/80 mm (3"	dia)	Each	155.35	Ex-Factory Rate as per price list
b)	For	100 mm (4"	dia)	Each	282.75	
c)	For	150 mm (6"	dia)	Each	505.05	
d)	For	200 mm (8"	dia)	Each	790.40	
e)	For	250 mm (10"	dia)	Each	1117.35	
f)	For	300 mm (12"	dia)	Each	1637.35	
g)	For	350 mm (14"	dia)	Each	3567.20	
h)	For	400 mm (16"	dia)	Each	4555.85	
l)	For	450 mm (18"	dia)	Each	4576.65	
j)	For	500 mm (20"	dia)	Each	5749.90	
k)	For	600 mm (24"	dia)	Each	9915.10	

7 One Pair of Rubber ring for F.C pressure pipe "B" Class

a)	For	75/80 mm (3"	dia)	Pair	89.05	Ex-Factory Rate as per price list
b)	For	100 mm (4"	dia)	Pair	144.95	
c)	For	150 mm (6"	dia)	Pair	196.30	
d)	For	200 mm (8"	dia)	Pair	245.05	
e)	For	250 mm (10"	dia)	Pair	297.70	
f)	For	300 mm (12"	dia)	Pair	361.40	
g)	For	350 mm (14"	dia)	Pair	771.55	
h)	For	400 mm (16"	dia)	Pair	809.25	
l)	For	450 mm (18"	dia)	Pair	902.85	
j)	For	500 mm (20"	dia)	Pair	995.80	
k)	For	600 mm (24"	dia)	Pair	1452.75	
l)	For	700 mm (28"	dia)	Pair	2748.85	
m)	For	800 mm (32"	dia)	Pair	3794.70	
n)	For	1000 mm (40"	dia)	Pair	4788.55	

8 One Pair of Rubber ring for F.C pressure pipe "C" Class

a)	For	75/80 mm (3"	dia)	Pair	89.05	Ex-Factory Rate as per price list
b)	For	100 mm (4"	dia)	Pair	144.95	
c)	For	150 mm (6"	dia)	Pair	202.15	
d)	For	200 mm (8"	dia)	Pair	245.05	
e)	For	250 mm (10"	dia)	Pair	305.50	
f)	For	300 mm (12"	dia)	Pair	367.90	
g)	For	350 mm (14"	dia)	Pair	792.35	
h)	For	400 mm (16"	dia)	Pair	827.45	
l)	For	450 mm (18"	dia)	Pair	932.10	
j)	For	500 mm (20"	dia)	Pair	1002.30	
k)	For	600 mm (24"	dia)	Pair	1700.40	

9 One Pair of Rubber ring for F.C pressure pipe "D" Class

a)	For	75/80 mm (3"	dia)	Pair	89.05	Ex-Factory Rate as per price list
b)	For	100 mm (4"	dia)	Pair	156.00	
c)	For	150 mm (6"	dia)	Pair	211.25	
d)	For	200 mm (8"	dia)	Pair	261.30	
e)	For	250 mm (10"	dia)	Pair	322.40	

S.#	Description	S.I Units		Imperial Units		Remarks
			Units	Rate in Rs.	Units	Rate in Rs.
f)	For	300 mm (12" dia)	Pair	393.25		
g)	For	350 mm (14" dia)	Pair	824.85		
h)	For	400 mm (16" dia)	Pair	855.40		
l)	For	450 mm (18" dia)	Pair	936.00		
j)	For	500 mm (20" dia)	Pair	1058.20		
k)	For	600 mm (24" dia)	Pair	2877.55		
1 UPVC Pressure Pipe "B" Class						
(Test pressue 61 meters or 200 ft. Water Head)						
a)	For	75 mm (3" dia)	R/Meter	589	P/Rft	180 Rate at
b)	For	100 mm (4" dia)	R/Meter	884	P/Rft	269 Factory or
c)	For	125 mm (5" dia)	R/Meter	1,405	P/Rft	428 Dealer Shops.
d)	For	150 mm (6" dia)	R/Meter	1,725	P/Rft	526
e)	For	200 mm (8" dia)	R/Meter	2,647	P/Rft	807
f)	For	250 mm (10" dia)	R/Meter	4,106	P/Rft	1251
g)	For	300 mm (12" dia)	R/Meter	5,759	P/Rft	1755
h)	For	350 mm (14" dia)	R/Meter	6,890	P/Rft	2100
i)	For	400 mm (16" dia)	R/Meter	8,986	P/Rft	2739
j)	For	450 mm (18" dia)	R/Meter	13,301	P/Rft	4054
k)	For	500 mm (20" dia)	R/Meter	16,390	P/Rft	4996
l)	For	600 mm (24" dia)	R/Meter	23,536	P/Rft	7174
2 UPVC Pressure Pipe "C" Class						
(Test pressue 91 meter or 300 ft. (Water Head)						
a)	For	75 mm (3" dia)	R/Meter	708	P/Rft	216
b)	For	100 mm (4" dia)	R/Meter	1174	P/Rft	358
c)	For	125 mm (5" dia)	R/Meter	2227	P/Rft	679
d)	For	150 mm (6" dia)	R/Meter	2533	P/Rft	772
e)	For	200 mm (8" dia)	R/Meter	3897	P/Rft	1188
f)	For	250 mm (10" dia)	R/Meter	6035	P/Rft	1839
g)	For	300 mm (12" dia)	R/Meter	8492	P/Rft	2588
h)	For	350 mm (14" dia)	R/Meter	10212	P/Rft	3112
i)	For	400 mm (16" dia)	R/Meter	13429	P/Rft	4093
j)	For	450 mm (18" dia)	R/Meter	19473	P/Rft	5935
k)	For	500 mm (20" dia)	R/Meter	24020	P/Rft	7321
l)	For	600 mm (24" dia)	R/Meter	34557	P/Rft	10533
3 UPVC Pressure Pipe "D" Class (Test Pressure						
122 meter of 400 ft. Water Head Equivalent make						
a)	For	75 mm (3" dia)	R/Meter	931	P/Rft	284 Rate at
b)	For	100 mm (4" dia)	R/Meter	1563	P/Rft	477 Factory or
c)	For	125 mm (5" dia)	R/Meter	2628	P/Rft	801 Dealer Shops
d)	For	150 mm (6" dia)	R/Meter	3374	P/Rft	1028
e)	For	200 mm (8" dia)	R/Meter	5146	P/Rft	1569
f)	For	250 mm (10" dia)	R/Meter	7964	P/Rft	2427
g)	For	300 mm (12" dia)	R/Meter	11219	P/Rft	3420
h)	For	350 mm (14" dia)	R/Meter	11633	P/Rft	3546
i)	For	400 mm (16" dia)	R/Meter	17597	P/Rft	5363
j)	For	450 mm (18" dia)	R/Meter	25264	P/Rft	7700
1 UPVC pressure pipe equivalent make with "Z" joint "B" class with one No. of rubber ring with each pipe (Test pressue 61 meters or 200 ft. Water Head) B.S 3505 & PSI 3051.						
a)	For	75 mm (3" dia)	R/Meter	595.20	P/Rft	181.41 Rate at
b)	For	100 mm (4" dia)	R/Meter	892.80	P/Rft	272.11 Factory or
c)	For	125 mm (5" dia)	R/Meter	1419.36	P/Rft	432.60 Dealer Shops.
d)	For	150 mm (6" dia)	R/Meter	1742.39	P/Rft	531.06
e)	For	200 mm (8" dia)	R/Meter	2673.60	P/Rft	814.87

S.#	Description					S.I Units		Imperial Units		Remarks
						Units	Rate in Rs.	Units	Rate in Rs.	
f)	For	250 mm	(10"	dia)	R/Meter		4147.21	P/Rft	1264.01	
g)	For	300 mm	(12"	dia)	R/Meter		5817.61	P/Rft	1773.12	
h)	For	350 mm	(14"	dia)	R/Meter		6960.00	P/Rft	2121.30	
i)	For	400 mm	(16"	dia)	R/Meter		9076.79	P/Rft	2766.47	
j)	For	450 mm	(18"	dia)	R/Meter		13435.70	P/Rft	4095.00	
k)	For	580 mm	(20"	dia)	R/Meter		16555.93	P/Rft	5046.00	
l)	For	630 mm	(24"	dia)	R/Meter		23774.13	P/Rft	7246.00	
2 UPVC pressure pipe equivalent make with "Z" joint "C" class with one No. of rubber ring with each pipe (Test pressure 91.5 meters or 300 ft. Water Head)B.S 3505 & PSI 3051.										
a)	For	50 mm	(2"	dia)	R/Meter		345.61	P/Rft	105.34	Rate at
b)	For	62.5 mm	(2.1/2"	dia)	R/Meter		518.40	P/Rft	158.00	Factory or
c)	For	75 mm	(3"	dia)	R/Meter		715.21	P/Rft	217.98	Dealer Shops.
d)	For	100 mm	(4"	dia)	R/Meter		1185.60	P/Rft	361.35	
e)	For	125 mm	(5"	dia)	R/Meter		2249.95	P/Rft	685.75	
f)	For	150 mm	(6"	dia)	R/Meter		2558.39	P/Rft	779.76	
g)	For	200 mm	(8"	dia)	R/Meter		3935.99	P/Rft	1199.63	
h)	For	250 mm	(10"	dia)	R/Meter		6095.99	P/Rft	1857.97	
i)	For	300 mm	(12"	dia)	R/Meter		8577.61	P/Rft	2614.33	
j)	For	350 mm	(14"	dia)	R/Meter		10315.20	P/Rft	3143.92	
k)	For	400 mm	(16"	dia)	R/Meter		13564.81	P/Rft	4134.35	
l)	For	450 mm	(18"	dia)	R/Meter		19669.60	P/Rft	5995.00	
m)	For	500 mm	(20"	dia)	R/Meter		24263.00	P/Rft	7395.00	
n)	For	630 mm	(24"	dia)	R/Meter		34906.56	P/Rft	10639.00	
3 UPVC pressure pipe with "Z" joint "D" class with one No. of rubber ring with each pipe (Test pressure 122 meters or 400 ft. Water Head)B.S. 3505 & PSI 3051.										
a)	For	31.3 mm	(1.1/4"	dia)	R/Meter		241.15	P/Rft	73.50	Rate at
b)	For	37.5 mm	(1.1/2"	dia)	R/Meter		278.41	P/Rft	84.86	Factory or
c)	For	50 mm	(2"	dia)	R/Meter		431.99	P/Rft	131.66	Dealer Shops.
d)	For	65 mm	(2.1/2"	dia)	R/Meter		676.80	P/Rft	206.28	
e)	For	75 mm	(3"	dia)	R/Meter		940.81	P/Rft	286.74	
f)	For	100 mm	(4"	dia)	R/Meter		1579.21	P/Rft	481.32	
g)	For	125 mm	(5"	dia)	R/Meter		2654.33	P/Rft	809.00	
h)	For	150 mm	(6"	dia)	R/Meter		3407.99	P/Rft	1038.70	
i)	For	200 mm	(8"	dia)	R/Meter		5198.39	P/Rft	1584.39	
j)	For	250 mm	(10"	dia)	R/Meter		8044.80	P/Rft	2451.94	
k)	For	300 mm	(12"	dia)	R/Meter		11332.81	P/Rft	3454.07	
l)	For	350 mm	(14"	dia)	R/Meter		11750.39	P/Rft	3581.34	
m)	For	400 mm	(16"	dia)	R/Meter		17774.41	P/Rft	5417.38	
n)	For	450 mm	(18"	dia)	R/Meter		25519.62	P/Rft	7778.00	
1 High Density polyethylene pipe (HDPE-100) for W/S confirming to ISO-4427, DIN 8074, 8075 & PS 3580:1984 P.S. 3580 & PSI 3051.										
A- PN 8 Outer dia										
a)	For	40 mm			R/Meter		112.50	P/Rft	34.29	Ex-Factory
b)	For	50 mm			R/Meter		166.50	P/Rft	50.75	Rate as per
c)	For	63 mm			R/Meter		261.00	P/Rft	79.55	price list
d)	For	75 mm			R/Meter		369.00	P/Rft	112.47	
e)	For	90 mm			R/Meter		531.00	P/Rft	161.84	
f)	For	110 mm			R/Meter		801.00	P/Rft	244.13	
g)	For	125 mm			R/Meter		1021.50	P/Rft	311.34	

S.#	Description		S.I Units		Imperial Units		Remarks
			Units	Rate in Rs.	Units	Rate in Rs.	
h)	For	140 mm	R/Meter	1278.00	P/Rft	389.52	
i)	For	160 mm	R/Meter	1683.00	P/Rft	512.95	
j)	For	180 mm	R/Meter	2110.50	P/Rft	643.25	
k)	For	200 mm	R/Meter	2614.50	P/Rft	796.86	
l)	For	225 mm	R/Meter	3303.00	P/Rft	1006.71	
m)	For	250 mm	R/Meter	4045.50	P/Rft	1233.01	
n)	For	280 mm	R/Meter	5107.50	P/Rft	1556.69	
o)	For	315 mm	R/Meter	6417.00	P/Rft	1955.81	
p)	For	355 mm	R/Meter	8149.50	P/Rft	2483.85	
q)	For	400 mm	R/Meter	10390.50	P/Rft	3166.87	
r)	For	450 mm	R/Meter	13135.50	P/Rft	4003.51	
s)	For	500 mm	R/Meter	16231.50	P/Rft	4947.12	
t)	For	560 mm	R/Meter	20286.00	P/Rft	6182.87	
u)	For	630 mm	R/Meter	25627.50	P/Rft	7810.88	
v)	For	710 mm	R/Meter	33984.38	P/Rft	10357.93	
w)	For	800 mm	R/Meter	43078.13	P/Rft	13129.57	
x)	For	900 mm	R/Meter	54515.63	P/Rft	16615.55	
y)	For	1000 mm	R/Meter	67359.38	P/Rft	20530.14	
z)	For	1200 mm	R/Meter	96937.50	P/Rft	29545.11	
B- PN 10 Outer dia							
a)	For	25 mm	R/Meter	64.80	P/Rft	19.75	Ex-Factory
b)	For	32 mm	R/Meter	88.65	P/Rft	27.02	Rate as per
c)	For	40 mm	R/Meter	133.20	P/Rft	40.60	price list
d)	For	50 mm	R/Meter	205.20	P/Rft	62.54	
e)	For	63 mm	R/Meter	327.15	P/Rft	99.71	
f)	For	75 mm	R/Meter	454.50	P/Rft	138.52	
g)	For	90 mm	R/Meter	661.50	P/Rft	201.62	
h)	For	110 mm	R/Meter	981.00	P/Rft	298.99	
i)	For	125 mm	R/Meter	1246.50	P/Rft	379.91	
j)	For	140 mm	R/Meter	1566.00	P/Rft	477.29	
k)	For	160 mm	R/Meter	2047.50	P/Rft	624.05	
l)	For	180 mm	R/Meter	2587.50	P/Rft	788.63	
m)	For	200 mm	R/Meter	3195.00	P/Rft	973.79	
n)	For	225 mm	R/Meter	4045.50	P/Rft	1233.01	
o)	For	250 mm	R/Meter	4959.00	P/Rft	1511.43	
p)	For	280 mm	R/Meter	6237.00	P/Rft	1900.94	
q)	For	315 mm	R/Meter	7893.00	P/Rft	2405.67	
r)	For	355 mm	R/Meter	10048.50	P/Rft	3062.63	
s)	For	400 mm	R/Meter	12703.50	P/Rft	3871.84	
t)	For	450 mm	R/Meter	16092.00	P/Rft	4904.60	
u)	For	500 mm	R/Meter	19881.00	P/Rft	6059.43	
v)	For	560 mm	R/Meter	24903.00	P/Rft	7590.06	
w)	For	630 mm	R/Meter	31540.50	P/Rft	9613.08	
x)	For	710 mm	R/Meter	41671.88	P/Rft	12700.97	
y)	For	800 mm	R/Meter	52875.00	P/Rft	16115.51	
z)	For	900 mm	R/Meter	67078.13	P/Rft	20444.41	
za)	For	1000 mm	R/Meter	82640.63	P/Rft	25187.63	
zb)	For	1200 mm	R/Meter	119015.63	P/Rft	36274.19	
C- PN 12.50 Outer dia							
a)	For	20 mm	R/Meter	48.15	P/Rft	14.68	Ex-Factory
b)	For	25 mm	R/Meter	72.90	P/Rft	22.22	Rate as per
c)	For	32 mm	R/Meter	105.30	P/Rft	32.09	price list
d)	For	40 mm	R/Meter	162.00	P/Rft	49.38	
e)	For	50 mm	R/Meter	247.50	P/Rft	75.43	
f)	For	63 mm	R/Meter	391.50	P/Rft	119.32	
g)	For	75 mm	R/Meter	558.00	P/Rft	170.07	

S.#	Description		S.I Units		Imperial Units		Remarks
			Units	Rate in Rs.	Units	Rate in Rs.	
	h)	For 90 mm	R/Meter	801.00	P/Rft	244.13	
	i)	For 110 mm	R/Meter	1183.50	P/Rft	360.71	
	j)	For 125 mm	R/Meter	1525.50	P/Rft	464.95	
	k)	For 140 mm	R/Meter	1912.50	P/Rft	582.90	
	l)	For 160 mm	R/Meter	2493.00	P/Rft	759.83	
	m)	For 180 mm	R/Meter	3163.50	P/Rft	964.19	
	n)	For 200 mm	R/Meter	3865.50	P/Rft	1178.15	
	o)	For 225 mm	R/Meter	4932.00	P/Rft	1503.20	
	p)	For 250 mm	R/Meter	6075.00	P/Rft	1851.57	
	q)	For 280 mm	R/Meter	7605.00	P/Rft	2317.89	
	r)	For 315 mm	R/Meter	9643.50	P/Rft	2939.20	Ex-Factory Rate as per price list
	s)	For 355 mm	R/Meter	12222.00	P/Rft	3725.08	
	t)	For 400 mm	R/Meter	15502.50	P/Rft	4724.93	
	u)	For 450 mm	R/Meter	19656.00	P/Rft	5990.86	
	v)	For 500 mm	R/Meter	24228.00	P/Rft	7384.33	
	w)	For 560 mm	R/Meter	30397.50	P/Rft	9264.71	
	x)	For 630 mm	R/Meter	39465.00	P/Rft	12028.35	
	y)	For 710 mm	R/Meter	50859.38	P/Rft	15501.18	
	z)	For 800 mm	R/Meter	64500.00	P/Rft	19658.64	
	za)	For 900 mm	R/Meter	80531.25	P/Rft	24544.73	
	zb)	For 1000 mm	R/Meter	100781.25	P/Rft	30716.63	
	zc)	For 1200 mm	R/Meter	145171.88	P/Rft	44246.23	
D- PN 16 Outer dia							
	a)	For 20 mm	R/Meter	50.85	P/Rft	15.50	Ex-Factory Rate as per price list
	b)	For 25 mm	R/Meter	77.85	P/Rft	23.73	
	c)	For 32 mm	R/Meter	123.75	P/Rft	37.72	
	d)	For 40 mm	R/Meter	195.30	P/Rft	59.52	
	e)	For 50 mm	R/Meter	302.40	P/Rft	92.17	
	f)	For 63 mm	R/Meter	477.00	P/Rft	145.38	
	g)	For 75 mm	R/Meter	666.00	P/Rft	202.99	
	h)	For 90 mm	R/Meter	963.00	P/Rft	293.51	
	i)	For 110 mm	R/Meter	1426.50	P/Rft	434.78	
	j)	For 125 mm	R/Meter	1854.00	P/Rft	565.07	
	k)	For 140 mm	R/Meter	2308.50	P/Rft	703.60	
	l)	For 160 mm	R/Meter	3024.00	P/Rft	921.67	
	m)	For 180 mm	R/Meter	3825.00	P/Rft	1165.80	
	n)	For 200 mm	R/Meter	4725.00	P/Rft	1440.11	
	o)	For 225 mm	R/Meter	5985.00	P/Rft	1824.14	
	p)	For 250 mm	R/Meter	7380.00	P/Rft	2249.31	
	q)	For 280 mm	R/Meter	9225.00	P/Rft	2811.64	
	r)	For 315 mm	R/Meter	11646.00	P/Rft	3549.53	
	s)	For 355 mm	R/Meter	14773.50	P/Rft	4502.74	
	t)	For 400 mm	R/Meter	18760.50	P/Rft	5717.92	
	u)	For 450 mm	R/Meter	23760.00	P/Rft	7241.69	

S.#	Description		S.I Units		Imperial Units		Remarks
			Units	Rate in Rs.	Units	Rate in Rs.	
v)	For	500 mm	R/Meter	29308.50	P/Rft	8932.79	
w)	For	560 mm	R/Meter	36810.00	P/Rft	11219.14	
x)	For	630 mm	R/Meter	46530.00	P/Rft	14181.65	
y)	For	710 mm	R/Meter	62156.25	P/Rft	18944.30	
z)	For	800 mm	R/Meter	78140.63	P/Rft	23816.10	
za)	For	900 mm	R/Meter	98906.25	P/Rft	30145.15	
zb)	For	1000 mm	R/Meter	122062.50	P/Rft	37202.83	
zc)	For	1200 mm	R/Meter	175781.25	P/Rft	53575.51	

1 High Density Double wall P.E corrugated pipe (SN-8). Internal dia

a)	For	200 mm	(8" dia)	R/Meter	2488.20	P/Rft	758.37	Ex-Factory
b)	For	250 mm	(10" dia)	R/Meter	4976.40	P/Rft	1516.73	Rate as per
c)	For	300 mm	(12" dia)	R/Meter	5655.00	P/Rft	1723.56	price list
d)	For	400 mm	(16" dia)	R/Meter	10522.20	P/Rft	3207.01	
e)	For	500 mm	(20" dia)	R/Meter	15272.40	P/Rft	4654.80	
f)	For	600 mm	(24" dia)	R/Meter	22620.00	P/Rft	6894.24	
g)	For	800 mm	(32" dia)	R/Meter	39585.00	P/Rft	12064.92	

2 High Density Double wall P.E corrugated pipe (SN-12.50). Internal dia

a)	For	200 mm	(8" dia)	R/Meter	3732.30	P/Rft	1137.55	Ex-Factory
b)	For	250 mm	(10" dia)	R/Meter	7464.60	P/Rft	2275.10	Rate as per
c)	For	300 mm	(12" dia)	R/Meter	8482.50	P/Rft	2585.34	price list
d)	For	400 mm	(16" dia)	R/Meter	15783.30	P/Rft	4810.52	
e)	For	500 mm	(20" dia)	R/Meter	22908.60	P/Rft	6982.20	
f)	For	600 mm	(24" dia)	R/Meter	33930.00	P/Rft	10341.36	
g)	For	800 mm	(32" dia)	R/Meter	59377.50	P/Rft	18097.38	

3 High Density Double wall P.E corrugated pipe (SN-8). Internal dia for Specials

SOCKET

a)	For	200 mm		Each	6067			Ex-Factory
b)	For	250 mm		Each	6500			Rate as per
c)	For	300 mm		Each	6933			price list
d)	For	400 mm		Each	9750			
e)	For	500 mm		Each	13000			
f)	For	600 mm		Each	31417			
g)	For	800 mm		Each	39000			

4 High Density Double wall P.E corrugated pipe (SN-8). Internal dia for Specials

RUBBER RING

a)	For	200 mm		Each	1300.00			Ex-Factory
b)	For	250 mm		Each	1733.33			Rate as per
c)	For	300 mm		Each	2383.33			price list
d)	For	400 mm		Each	3250.00			
e)	For	500 mm		Each	4333.33			
f)	For	600 mm		Each	5633.33			
g)	For	800 mm		Each	13000.00			

Cast Iron Fittings

1 Sluice valve commercial pattern (Test Pressure 10.5 kg/sq.cm or 150 lb/sq.inch)

S.#	Description					S.I Units		Imperial Units		Remarks
						Units	Rate in Rs.	Units	Rate in Rs.	
a)	For	50 mm	(2"	dia)	Each	3900.00				Rate at Factory or Dealer Shops.
b)	For	60 mm	(2.1/2"	dia)	Each	4500.00				
c)	For	75 mm	(3"	dia)	Each	4900.00				
d)	For	100 mm	(4"	dia)	Each	5800.00				
e)	For	125 mm	(5"	dia)	Each	7800.00				
f)	For	150 mm	(6"	dia)	Each	7800.00				
g)	For	200 mm	(8"	dia)	Each	14500.00				
h)	For	250 mm	(10"	dia)	Each	24000.00				
i)	For	300 mm	(12"	dia)	Each	41500.00				

2 C.I Sluice valve heavy pattern (Test Pressure 21.0 kg/sq.cm or 300 lb/sq.inch)

a)	For	75 mm	(3"	dia)	Each	8200.00				Rate at Factory or Dealer Shops.
b)	For	100 mm	(4"	dia)	Each	9500.00				
c)	For	125 mm	(5"	dia)	Each	12500.00				
d)	For	150 mm	(6"	dia)	Each	17500.00				
e)	For	200 mm	(8"	dia)	Each	21500.00				
f)	For	225 mm	(9"	dia)	Each	32500.00				
g)	For	250 mm	(10"	dia)	Each	55000.00				
h)	For	300 mm	(12"	dia)	Each	118000.00				
i)	For	375 mm	(15"	dia)	Each	150000.00				
j)	For	450 mm	(18"	dia)	Each	185000.00				
k)	For	500 mm	(20"	dia)	Each	340000.00				
l)	For	600 mm	(24"	dia)	Each	540000.00				
m)	For	750 mm	(30"	dia)	Each	1000000.00				
n)	For	900 mm	(36"	dia)	Each	1200000.00				

3 Foot valve commercial pattern with flat gate

a)	For	75 mm	(3"	dia)	Each	3500.00	West Pakistan Standing Rates Committee Vol. 2 Part-I specification No.14, 10 to 14, 17			
b)	For	100 mm	(4"	dia)	Each	4550.00				
c)	For	125 mm	(5"	dia)	Each	5850.00				
d)	For	150 mm	(6"	dia)	Each	7200.00				

4 Foot valve heavy pattern with cone type gate.

a)	For	75 mm	(3"	dia)	Each	5500.00	West Pakistan Standing Rates Committee Vol. 2 Part-I specification No.14, 10 to 14, 17			
b)	For	100 mm	(4"	dia)	Each	7200.00				
c)	For	125 mm	(5"	dia)	Each	9900.00				
d)	For	150 mm	(6"	dia)	Each	14800.00				
e)	For	200 mm	(8"	dia)	Each	17550.00				
f)	For	250 mm	(10"	dia)	Each	58500.00				
g)	For	300 mm	(12"	dia)	Each	72000.00				
h)	For	400 mm	(16"	dia)	Each	130000.00				
i)	For	450 mm	(18"	dia)	Each	155000.00				

5 Reflex valve commercial pattern (Test pressure 10 kg/sq.cm or 150 lbs/sq.inch)

a)	For	75 mm	(3"	dia)	Each	3200.00	West Pakistan Standing Rates Committee Vol. 2 Part-I specification No.14, 10 to 14, 17			
b)	For	100 mm	(4"	dia)	Each	3800.00				
c)	For	125 mm	(5"	dia)	Each	5200.00				
d)	For	150 mm	(6"	dia)	Each	5850.00				
e)	For	175 mm	(7"	dia)	Each	7200.00				
f)	For	200 mm	(8"	dia)	Each	11700.00				
g)	For	225 mm	(9"	dia)	Each	37000.00				
h)	For	250 mm	(10"	dia)	Each	38000.00				

S.#	Description				S.I Units		Imperial Units		Remarks
					Units	Rate in Rs.	Units	Rate in Rs.	
i)	For	300 mm	(12"	dia)	Each	47000.00			
6 Reflex valve heavy pattern (Test pressure 21 kg/sq.cm or 300 lbs/sq.inch)									
a)	For	75 mm	(3"	dia)	Each	6500.00	West Pakistan Stsanding Rates Committee Vol. 2 Part-I specification No.14. 10 to 14, 17		
b)	For	100 mm	(4"	dia)	Each	8550.00			
c)	For	125 mm	(5"	dia)	Each	11900.00			
d)	For	150 mm	(6"	dia)	Each	15000.00			
e)	For	200 mm	(8"	dia)	Each	18500.00			
f)	For	250 mm	(10"	dia)	Each	54000.00			
g)	For	300 mm	(12"	dia)	Each	68000.00			
h)	For	350 mm	(14"	dia)	Each	102000.00			
i)	For	400 mm	(16"	dia)	Each	135000.00			
j)	For	450 mm	(18"	dia)	Each	195000.00			
7 Fire Hydrant (screwed out lets)									
a)	For	60 mm	(2.1/2"	dia)	Each	5800.00			West Pakistan SRC, Sch of Rate Vol-2, Part-I
b)	For	75 mm	(3"	dia)	Each	6000.00			
8 Air valve double acting (Local)									
3"	x	1			Each	6200.00			
6"	dia				Each	8800.00			
9 Supply Single Acting Air valve over PVC & P.E Pipe of required dia comprising of MS Puddle Collar tee required size with 3/8" thick MS Plate 1-1/4: wide (1-No) MS Flange (3-Nos) 3/8" thick MS Sheet, MS Pipe of required size made out of 3/16" thick MS Sheet 3' long, Air Valve 3" Dia (1-No) MS Fabricated Ring comprising on 1/2" Dia bar 4" center rate also i/c C.I Plate fixed over top of pipe, also i/c rubber packing of the required thickness nuts bolts with washer and painting of pipes & special etc complete.									
a)		90 mm	3" Dia		Each	19220			
b)		110 mm	4" Dia		Each	20130			
c)		125 mm	5" Dia		Each	20900			
d)		160 mm	6" Dia		Each	21450			
e)		200 mm	8" Dia		Each	22200			
f)		225 mm	8" Dia		Each	22880			
g)		250 mm	10" Dia		Each	23400			
h)		315 mm	12" Dia		Each	24700			
i)		400 mm	16" Dia		Each	26950			
j)		450 mm	18" Dia		Each	27390			
k)		500 mm	20" Dia		Each	29480			
l)		630 mm	24" Dia		Each	31900			
m)	Double Acting Valve				Each	4000 (Extra Charges)			
10 <u>Cast Iron Specials</u>									
B Class (test pressure 122 meter or 400 ft water head (Lead)									
1	C.I Bends with socket and spigot pipe end for all sizes				P.Kg	360.00	C.wt	18288.00	Rate at Factory or Dealer Shops.
2	C.I collars for socket and spigot pipe ends for all sizes				P.Kg	360.00	C.wt	18288.00	

S.#	Description	S.I Units		Imperial Units		Remarks
		Units	Rate in Rs.	Units	Rate in Rs.	
3	C.I tappers flat bottomed or central tapered socket and spigot end for all sizes	P.Kg	360.00	C.wt	18288.00	
4	C.I tail pieces with one end flanged and socket at the other end for all sizes	P.Kg	360.00	C.wt	18288.00	
5	C.I tail pieces with one end flanged and spigot at the other end for all sizes	P.Kg	360.00	C.wt	18288.00	
6	C.I crosses with socket branches and socket and spigot end for all sizes	P.Kg	360.00	C.wt	18288.00	
7	C.I tee with spigot and branches and socket and spigot end for all sizes	P.Kg	360.00	C.wt	18288.00	
8	C.I bends with flanged end with holes i/c turning and facing of flanges for all sizes	P.Kg	360.00	C.wt	18288.00	
9	C.I tappers flat bottomed or central tapered flanged end with holes i/c turning & facing turning and facing of flanges for all sizes	P.Kg	360.00	C.wt	18288.00	
10	C.I crosses flanged end with holes, including turning and facing of flanged for all sizes	P.Kg	360.00	C.wt	18288.00	
11	C.I crosses flanged end with holes, including turning and facing of flanged for all sizes	P.Kg	360.00	C.wt	18288.00	
12	C.I tee flanged end with holes, including turning and facing of flanged for all sizes	P.Kg	360.00	C.wt	18288.00	
13	C.I specials for UPVC/FC Pressure Pipes or any other material like c.i foot step etc complete for all sizes	P.Kg	360.00	C.wt	18288.00	
14	C.I manhole covers and surface boxes with frame (heavy type) for all sizes	P.Kg	270.00	C.wt	13716.00	

Cast Iron Specials for UPVC/AC PVC Pressure Pipes (Standard weight for ACIL "B" Class).

1) Bend 90°

75 mm	(3"	dia)	Each	1700.00
100 mm	(4"	dia)	Each	1950.00
150 mm	(6"	dia)	Each	5500.00
200 mm	(8"	dia)	Each	10500.00
250 mm	(10"	dia)	Each	23600.00
300 mm	(12"	dia)	Each	32700.00
400 mm	(16"	dia)	Each	54500.00
450 mm	(18"	dia)	Each	75000.00
500 mm	(20"	dia)	Each	97500.00
600 mm	(24"	dia)	Each	165000.00

Rate at
Factory or
Dealer Shops.

2) Bend 45°

75 mm	(3"	dia)	Each	1500.00
100 mm	(4"	dia)	Each	1700.00
150 mm	(6"	dia)	Each	5000.00
200 mm	(8"	dia)	Each	9000.00
250 mm	(10"	dia)	Each	18500.00
300 mm	(12"	dia)	Each	25000.00
400 mm	(16"	dia)	Each	42500.00
450 mm	(18"	dia)	Each	60000.00

Rate at
Factory or
Dealer Shops.

S.#	Description				S.I Units		Imperial Units		Remarks
					Units	Rate in Rs.	Units	Rate in Rs.	
		500 mm	(20"	dia)	Each	78000.00			
		600 mm	(24"	dia)	Each	135000.00			
3)	Bend 22.1/2°								
		75 mm	(3"	dia)	Each	1300			Rate at Factory or Dealer Shops.
		100 mm	(4"	dia)	Each	1450			
		150 mm	(6"	dia)	Each	4300			
		200 mm	(8"	dia)	Each	8000			
		250 mm	(10"	dia)	Each	15000			
		300 mm	(12"	dia)	Each	19500			
		400 mm	(16"	dia)	Each	37000			
		450 mm	(18"	dia)	Each	52000			
		500 mm	(20"	dia)	Each	70000			
		600 mm	(24"	dia)	Each	130000			
4)	Tee (Equal)								
		75 mm	(3"	dia)	Each	3650.00			Rate at Factory or Dealer Shops.
		100 mm	(4"	dia)	Each	4350.00			
		150 mm	(6"	dia)	Each	6500.00			
		200 mm	(8"	dia)	Each	12500.00			
		250 mm	(10"	dia)	Each	16500.00			
		300 mm	(12"	dia)	Each	24500.00			
		400 mm	(16"	dia)	Each	29000.00			
		450 mm	(18"	dia)	Each	44500.00			
		500 mm	(20"	dia)	Each	74000.00			
		600 mm	(24"	dia)	Each	111000.00			
5)	Tee (Un-Equal)								
	100 mm to	75 mm	(4" to 3"	dia)	Each	4350.00			Rate at Factory or Dealer Shops.
	150 mm to	80 mm	(6" to 3"	dia)	Each	6200.00			
	150 mm to	100 mm	(6" to 4"	dia)	Each	7200.00			
	200 mm to	80 mm	(8" to 3"	dia)	Each	11800.00			
	200 mm to	100 mm	(8" to 4"	dia)	Each	12500.00			
	200 mm to	150 mm	(8" to 6"	dia)	Each	12800.00			
	250 mm to	80 mm	(10" to 3"	dia)	Each	14700.00			
	250 mm to	100 mm	(10" to 4"	dia)	Each	15500.00			
	250 mm to	150 mm	(10" to 6"	dia)	Each	16500.00			
	250 mm to	200 mm	(10" to 8"	dia)	Each	18000.00			
	300 mm to	80 mm	(12" to 3"	dia)	Each	20000.00			
	300 mm to	100 mm	(12" to 4"	dia)	Each	22500.00			
	300 mm to	150 mm	(12" to 6"	dia)	Each	25000.00			
	300 mm to	200 mm	(12" to 8"	dia)	Each	27500.00			
	300 mm to	250 mm	(12" to 10"	dia)	Each	31000.00			
	400 mm to	80 mm	(16" to 3"	dia)	Each	29500.00			
	400 mm to	100 mm	(16" to 4"	dia)	Each	33000.00			
	400 mm to	150 mm	(16" to 6"	dia)	Each	36500.00			
	400 mm to	200 mm	(16" to 8"	dia)	Each	43500.00			
	400 mm to	250 mm	(16" to 10"	dia)	Each	51000.00			
	400 mm to	300 mm	(16" to 12"	dia)	Each	58000.00			
	450 mm to	80 mm	(18" to 3"	dia)	Each	36400.00			
	450 mm to	100 mm	(18" to 4"	dia)	Each	43500.00			

S.#	Description				S.I Units		Imperial Units		Remarks
					Units	Rate in Rs.	Units	Rate in Rs.	
	450 mm to	150 mm	(18" to 6" dia)	Each	47300.00				
	450 mm to	200 mm	(18" to 8" dia)	Each	51000.00				
	450 mm to	250 mm	(18" to 10" dia)	Each	57000.00				
	450 mm to	300 mm	(18" to 12" dia)	Each	65500.00				
	450 mm to	400 mm	(18" to 16" dia)	Each	72500.00				
	500 mm to	80 mm	(20" to 3" dia)	Each	43500.00				
	500 mm to	100 mm	(20" to 4" dia)	Each	49000.00				
	500 mm to	150 mm	(20" to 6" dia)	Each	54500.00				
	500 mm to	200 mm	(20" to 8" dia)	Each	61000.00				
	500 mm to	250 mm	(20" to 10" dia)	Each	65500.00				
	500 mm to	300 mm	(20" to 12" dia)	Each	70000.00				
	500 mm to	400 mm	(20" to 16" dia)	Each	73000.00				
	500 mm to	450 mm	(20" to 18" dia)	Each	80000.00				
	500 mm to	80 mm	(24" to 3" dia)	Each	51000.00				
	600 mm to	100 mm	(24" to 4" dia)	Each	58000.00				
	600 mm to	150 mm	(24" to 6" dia)	Each	65000.00				
	600 mm to	200 mm	(24" to 8" dia)	Each	72800.00				
	600 mm to	250 mm	(24" to 10" dia)	Each	80000.00				
	600 mm to	300 mm	(24" to 12" dia)	Each	87000.00				
	600 mm to	400 mm	(24" to 16" dia)	Each	94500.00				
	600 mm to	450 mm	(24" to 18" dia)	Each	102000.00				
	600 mm to	500 mm	(24" to 20" dia)	Each	109000.00				
6) Crosses (Equal)									
		75 mm	(3" dia)	Each	5500.00			Rate at Factory or Dealer Shops.	
		100 mm	(4" dia)	Each	6200.00				
		150 mm	(6" dia)	Each	9000.00				
		200 mm	(8" dia)	Each	15000.00				
		250 mm	(10" dia)	Each	18000.00				
		300 mm	(12" dia)	Each	33500.00				
		400 mm	(16" dia)	Each	54500.00				
		450 mm	(18" dia)	Each	90000.00				
		500 mm	(20" dia)	Each	109000.00				
		600 mm	(24" dia)	Each	127500.00				
7) Crosses (Un-Equal)									
	100 mm to	75 mm	(4" to 3" dia)	Each	9000.00			Rate at Factory or Dealer Shops.	
	150 mm to	80 mm	(6" to 3" dia)	Each	10500.00				
	150 mm to	100 mm	(6" to 4" dia)	Each	12000.00				
	200 mm to	80 mm	(8" to 3" dia)	Each	12800.00				
	200 mm to	100 mm	(8" to 4" dia)	Each	13500.00				
	200 mm to	150 mm	(8" to 6" dia)	Each	14500.00				
	250 mm to	80 mm	(10" to 3" dia)	Each	14800.00				
	250 mm to	100 mm	(10" to 4" dia)	Each	15700.00				
	250 mm to	150 mm	(10" to 6" dia)	Each	17000.00				
	250 mm to	200 mm	(10" to 8" dia)	Each	19000.00				
	300 mm to	80 mm	(12" to 3" dia)	Each	16500.00				
	300 mm to	100 mm	(12" to 4" dia)	Each	17500.00				
	300 mm to	150 mm	(12" to 6" dia)	Each	19000.00				
	300 mm to	200 mm	(12" to 8" dia)	Each	20500.00				
	300 mm to	250 mm	(12" to 10" dia)	Each	21500.00				
	400 mm to	80 mm	(16" to 3" dia)	Each	36500.00				

S.#	Description				S.I Units		Imperial Units		Remarks
					Units	Rate in Rs.	Units	Rate in Rs.	
	400 mm to	100 mm	(16" to 4"	dia)	Each	37800.00			
	400 mm to	150 mm	(16" to 6"	dia)	Each	39500.00			
	400 mm to	200 mm	(16" to 8"	dia)	Each	41500.00			
	400 mm to	250 mm	(16" to 10"	dia)	Each	44000.00			
	400 mm to	300 mm	(16" to 12"	dia)	Each	47500.00			
	450 mm to	80 mm	(18" to 3"	dia)	Each	43500.00			
	450 mm to	100 mm	(18" to 4"	dia)	Each	44500.00			
	450 mm to	150 mm	(18" to 6"	dia)	Each	46000.00			
	450 mm to	200 mm	(18" to 8"	dia)	Each	48500.00			
	450 mm to	250 mm	(18" to 10"	dia)	Each	50000.00			
	450 mm to	300 mm	(18" to 12"	dia)	Each	49500.00			
	450 mm to	400 mm	(18" to 16"	dia)	Each	55000.00			

8) Short Pieces.

75 mm	(3"	dia)	Each	1500.00
100 mm	(4"	dia)	Each	2300.00
150 mm	(6"	dia)	Each	3900.00
200 mm	(8"	dia)	Each	5200.00
250 mm	(10"	dia)	Each	7100.00
300 mm	(12"	dia)	Each	7800.00
400 mm	(16"	dia)	Each	13000.00
450 mm	(18"	dia)	Each	17500.00
500 mm	(20"	dia)	Each	21000.00
600 mm	(24"	dia)	Each	27000.00

Rate at
Factory or
Dealer Shops.

9) Fire Hydrant Tees

75 mm	(3"	dia)	Each	4300.00
100 mm	(4"	dia)	Each	5450.00
150 mm	(6"	dia)	Each	6500.00
200 mm	(8"	dia)	Each	9000.00
250 mm	(10"	dia)	Each	12700.00
300 mm	(12"	dia)	Each	14500.00
400 mm	(16"	dia)	Each	21800.00
450 mm	(18"	dia)	Each	31000.00
500 mm	(20"	dia)	Each	36500.00
600 mm	(24"	dia)	Each	44500.00

Rate at
Factory or
Dealer Shops.

10) Reducers

100 mm to	75 mm	(4" to 3"	dia)	Each	1950.00
150 mm to	80 mm	(6" to 3"	dia)	Each	3900.00
150 mm to	100 mm	(6" to 4"	dia)	Each	4000.00
200 mm to	80 mm	(8" to 3"	dia)	Each	5800.00
200 mm to	100 mm	(8" to 4"	dia)	Each	5900.00
200 mm to	150 mm	(8" to 6"	dia)	Each	6500.00
250 mm to	80 mm	(10" to 3"	dia)	Each	8400.00
250 mm to	100 mm	(10" to 4"	dia)	Each	8500.00
250 mm to	150 mm	(10" to 6"	dia)	Each	9000.00

Rate at
Factory or
Dealer Shops.

S.#	Description				S.I Units		Imperial Units		Remarks
					Units	Rate in Rs.	Units	Rate in Rs.	
	250 mm to	200 mm	(10" to 8"	dia)	Each	9500.00			
	300 mm to	80 mm	(12" to 3"	dia)	Each	11000.00			
	300 mm to	100 mm	(12" to 4"	dia)	Each	11500.00			
	300 mm to	150 mm	(12" to 6"	dia)	Each	13000.00			
	300 mm to	200 mm	(12" to 8"	dia)	Each	15000.00			
	300 mm to	250 mm	(12" to 10"	dia)	Each	17000.00			
	400 mm to	80 mm	(16" to 3"	dia)	Each	25000.00			
	400 mm to	100 mm	(16" to 4"	dia)	Each	25500.00			
	400 mm to	150 mm	(16" to 6"	dia)	Each	27000.00			
	400 mm to	200 mm	(16" to 8"	dia)	Each	29000.00			
	400 mm to	250 mm	(16" to 10"	dia)	Each	31000.00			
	400 mm to	300 mm	(16" to 12"	dia)	Each	35000.00			
	450 mm to	80 mm	(18" to 3"	dia)	Each	29500.00			
	450 mm to	100 mm	(18" to 4"	dia)	Each	32000.00			
	450 mm to	150 mm	(18" to 6"	dia)	Each	35500.00			
	450 mm to	200 mm	(18" to 8"	dia)	Each	38000.00			
	450 mm to	250 mm	(18" to 10"	dia)	Each	40000.00			
	450 mm to	300 mm	(18" to 12"	dia)	Each	42500.00			
	450 mm to	400 mm	(18" to 16"	dia)	Each	45000.00			
	500 mm to	80 mm	(20" to 3"	dia)	Each	31000.00			
	500 mm to	100 mm	(20" to 4"	dia)	Each	33000.00			
	500 mm to	150 mm	(20" to 6"	dia)	Each	36500.00			
	500 mm to	200 mm	(20" to 8"	dia)	Each	40500.00			
	500 mm to	250 mm	(20" to 10"	dia)	Each	42000.00			
	500 mm to	300 mm	(20" to 12"	dia)	Each	45000.00			
	500 mm to	400 mm	(20" to 16"	dia)	Each	49000.00			
	500 mm to	450 mm	(20" to 18"	dia)	Each	52000.00			
	600 mm to	80 mm	(24" to 3"	dia)	Each	35000.00			
	600 mm to	100 mm	(24" to 4"	dia)	Each	38000.00			
	600 mm to	150 mm	(24" to 6"	dia)	Each	40500.00			
	600 mm to	200 mm	(24" to 8"	dia)	Each	43000.00			
	600 mm to	250 mm	(24" to 10"	dia)	Each	48000.00			
	600 mm to	300 mm	(24" to 12"	dia)	Each	54000.00			
11) Blank Flanges									
		75 mm	(3"	dia)	Each	455.00			Rate at Factory or Dealer Shops.
		100 mm	(4"	dia)	Each	520.00			
		150 mm	(6"	dia)	Each	585.00			
		200 mm	(8"	dia)	Each	1560.00			
		250 mm	(10"	dia)	Each	2200.00			
		300 mm	(12"	dia)	Each	2340.00			
		400 mm	(16"	dia)	Each	8450.00			
		450 mm	(18"	dia)	Each	12350.00			
		500 mm	(20"	dia)	Each	16500.00			
		600 mm	(24"	dia)	Each	23000.00			
12) C.I Dead Ends									
		75 mm	(3"	dia)	Each	1040.00			Rate at Factory or Dealer Shops.
		100 mm	(4"	dia)	Each	1950.00			
		150 mm	(6"	dia)	Each	4500.00			

S.#	Description			S.I Units		Imperial Units		Remarks
				Units	Rate in Rs.	Units	Rate in Rs.	
	200 mm	(8"	dia)	Each	5200.00			
	250 mm	(10"	dia)	Each	7200.00			
	300 mm	(12"	dia)	Each	8700.00			
	350 mm	(14"	dia)	Each	9800.00			
	400 mm	(16"	dia)	Each	17500.00			
	450 mm	(18"	dia)	Each	21000.00			
	500 mm	(20"	dia)	Each	23000.00			
	600 mm	(24"	dia)	Each	26500.00			
13)	C.I Gibault Joints							
	75 mm	(3"	dia)	Each	1950.00			Rate at Factory or Dealer Shops.
	100 mm	(4"	dia)	Each	2600.00			
	150 mm	(6"	dia)	Each	3900.00			
	200 mm	(8"	dia)	Each	5800.00			
	250 mm	(10"	dia)	Each	8500.00			
	300 mm	(12"	dia)	Each	13000.00			
	400 mm	(16"	dia)	Each	23000.00			
	450 mm	(18"	dia)	Each	31000.00			
	500 mm	(20"	dia)	Each	40000.00			
	600 mm	(24"	dia)	Each	45000.00			
14)	C.I saddles and ferrules complete with "U" bolts and rubber gasket.							
	75 mm	(3"	dia)	Each	780.00			Rate at Factory or Dealer Shops.
	100 mm	(4"	dia)	Each	850.00			
	150 mm	(6"	dia)	Each	1300.00			
	200 mm	(8"	dia)	Each	3300.00			
	250 mm	(10"	dia)	Each	4000.00			
	300 mm	(12"	dia)	Each	5500.00			

IX- HIGH DENSITY POLYETHYLENE FITTINGS (PE-100) (PER EACH)

S.#	Description			
			PN-10	PN-16
A- HDPE-100 Elbow 45'o (outer dia)				
1	63	mm	671	1074
2	75	mm	950	1521
3	90	mm	1364	2181
4	110	mm	2019	3231
5	125	mm	2601	4163
6	160	mm	4246	6792
7	180	mm	5388	8616
8	200	mm	6626	10601
9	225	mm	8386	13419
10	250	mm	10332	16532
11	315	mm	16398	26236
12	355	mm	21542	34455
13	400	mm	26354	42167
14	450	mm	33378	53404
15	500	mm	42192	67507
16	560	mm	52925	84679
17	630	mm	67022	107231
18	710	mm	85431	136500
19	800	mm	108326	176199
B- HDPE-100 Elbow 90'o (outer dia)				
1	63	mm	838	1341
2	75	mm	1188	1902
3	90	mm	1704	2727
4	110	mm	2524	4038
5	125	mm	3253	5203
6	160	mm	5306	8490
7	180	mm	6734	10775
8	200	mm	8281	13250
9	225	mm	10483	16774
10	250	mm	12916	20664
11	315	mm	20497	32796
12	355	mm	26928	43084
13	400	mm	32942	52709
14	450	mm	41723	66756
15	500	mm	50631	81009
16	560	mm	63510	101615
17	630	mm	80422	128677
18	710	mm	106789	173641
19	800	mm	135409	220249
C- HDPE-100 END CAP				
1	63	mm	360	504
2	75	mm	480	672
3	90	mm	490	686
4	110	mm	730	1022
5	125	mm	1420	1988
6	160	mm	1700	2380
7	180	mm	3650	5110
8	200	mm	3700	5180
9	225	mm	5500	7700
10	250	mm	7000	9800
11	315	mm	11000	15400
12	355	mm	17500	24500
13	400	mm	17600	24640
14	450	mm	35000	49000
15	500	mm	47000	65800
16	560	mm	57900	78400
17	630	mm	58000	81060
18	710	mm	90000	126000
19	800	mm	125000	175000

S.#	Description		
		PN-10	PN-16

D- HDPE-100 Equal Tee (outer dia)

1	63 mm	1007	1609
2	75 mm	1426	2281
3	90 mm	2045	3272
4	110 mm	3029	4846
5	125 mm	3903	6244
6	160 mm	6367	10188
7	180 mm	8081	12930
8	200 mm	9938	15901
9	225 mm	12581	20129
10	250 mm	15499	24798
11	315 mm	24596	39355
12	355 mm	32313	51701
13	400 mm	39532	63251
14	450 mm	50066	80106
15	500 mm	50630	81009
16	560 mm	63510	101615
17	630 mm	80422	128677
18	710 mm	128146	208070
19	800 mm	162491	264898

E- HDPE-100 Cross Tee (outer dia)

1	63 mm	1105	1769
2	75 mm	1563	2500
3	90 mm	2255	3609
4	110 mm	3346	5353
5	125 mm	4260	6816
6	160 mm	6972	11154
7	180 mm	8682	13891
8	200 mm	10878	17405
9	225 mm	13796	22073
10	250 mm	17029	27050
11	315 mm	26871	42993
12	355 mm	34181	54690
13	400 mm	43201	69123
14	450 mm	54713	87541
15	500 mm	67507	108011
16	560 mm	84679	135486
17	630 mm	107231	171569
18	710 mm	170862	277827
19	800 mm	216654	352398

F- HDPE-100 FLANGE ADOPTOR / STAB ENDS

1	90 mm	2416	3865
2	110 mm	2464	3943
3	125 mm	3160	5056
4	160 mm	5164	8262
5	180 mm	6617	10588
6	200 mm	8053	12872
7	225 mm	10202	16322
8	250 mm	12549	20079
9	315 mm	19925	31880
10	355 mm	27012	43219
11	400 mm	32023	51236
12	450 mm	40554	64886
13	500 mm	50033	80053
14	560 mm	62764	100423
15	630 mm	79471	127155
16	710 mm	81049	129680
17	800 mm	91324	146118

S.#	Description		
		PN-10	PN-16

G- HDPE-100 REDUCER

1	75x50	mm	495	767
2	90x63	mm	725	1124
3	90x75	mm	745	1155
4	110x63	mm	1225	1899
5	110x75	mm	1245	1930
6	110x90	mm	1250	1938
7	125x90	mm	1980	3069
8	125x110	mm	1990	3085
9	160x90	mm	2725	4224
10	160x110	mm	2735	4239
11	180x90	mm	4200	6510
12	180x125	mm	4300	6800
13	200x90	mm	3600	5580
14	200x110	mm	3650	5658
15	200x160	mm	3700	5735
16	225x90	mm	8700	13485
17	225x125	mm	8710	13501
18	250x90	mm	9900	15345
19	250x110	mm	9920	15376
20	250x125	mm	9930	15392
21	250x200	mm	9950	15423
22	280x160	mm	14000	21700
23	315x90	mm	15500	24025
24	315x110	mm	15600	24180
25	315x160	mm	15800	24490
26	315x180	mm	16000	24800
27	315x250	mm	16200	25110
28	355x(90-315)	mm	18200	28210
29	400x(90-200)	mm	19500	30225
30	400x(225-355)	mm	24500	37975
31	450x(90-200)	mm	37800	58590
32	450x(225-400)	mm	41500	64325
33	500x(90-200)	mm	45500	70525
34	500x(225-450)	mm	49000	75950
35	560x(90-200)	mm	35500	55025
36	560x(250-500)	mm	58500	90675
37	630x(90-250)	mm	59400	92070
38	630x(250-560)	mm	61200	94860
39	710x(110-630)	mm	119000	184450
40	800X(110-710)	mm	194300	301165

H- HDPE-100 UN-EQUAL TEE (outer dia)

1	160x63x160	mm	4579	7329
2	200x63x200	mm	6961	11137
3	200x90x200	mm	10074	12216
4	250x63x250	mm	10667	17623
5	250x110x250	mm	11342	18148
6	315x63x315	mm	16733	26773
7	315x90x315	mm	17080	27327
8	315x110x315	mm	17406	27851
9	315x160x315	mm	18520	29633
10	355x90x355	mm	22223	35558
11	355x110x355	mm	22551	36083
12	355x160x355	mm	23664	37863
13	400x90x400	mm	27036	43258
14	400x110x400	mm	27364	43782
15	400x160x400	mm	28483	45563
16	400x200x400	mm	29666	47468
17	450x90x450	mm	34059	54495
18	450x110x450	mm	34386	55010
19	450x160x450	mm	35500	56801
20	450x200x450	mm	36690	58704

S.#	Description		
		PN-10	PN-16

I- Butt Fusion Joint

S.#	Diameter (OD) (mm)	Inches	Rate Per Joint (Rs)
1	20 - 40	1/2" to 1.1/4"	650.00
2	50 - 90	1.1/2" to 3"	780.00
3	110 - 160	4" to 6"	1300.00
4	180 - 250	7" to 10"	2340.00
5	280 - 355	11" to 14"	2860.00
6	380 - 450	15" to 18"	3640.00
7	500 - 630	20" to 24"	4160.00
8	700-1200	28" to 48"	5200.00

IX- M.S BLACK STEEL PIPE

S.#	Description			S.I Units		Imperial Units		Remarks
				Units	Rate in Rs.	Units	Rate in Rs.	
1	M.S black steel pipe made out of M.S sheet of 5.0mm thickness confirming to API 5L grade X-42 ERW (5.0mm Thick). (Straight)							
	a)	3" dia		P.M	3623	P.Rft	1104	Ex-Factory Rate
	b)	4" dia		P.M	4718	P.Rft	1438	
	c)	5" dia		P.M	5884	P.Rft	1794	
	d)	6" dia		P.M	7046	P.Rft	2148	
	e)	8" dia		P.M	9240	P.Rft	2817	
	f)	10" dia		P.M	11571	P.Rft	3528	
2	M.S black steel pipe made out of M.S sheet of 6.0mm thickness confirming to API 5L grade X-42 ERW (6.0mm Thick). (Straight)							
	a	4" dia		P.M	5611	P.Rft	1711	Factory Rate
	b	5" dia		P.M	7007	P.Rft	2136	
	c	6" dia		P.M	8404	P.Rft	2562	
	d	8" dia		P.M	11036	P.Rft	3364	
	e	10" dia		P.M	13832	P.Rft	4217	
	f	12" dia		P.M	16464	P.Rft	5020	
	g	14" dia		P.M	18106	P.Rft	5520	
	h	16" dia		P.M	20738	P.Rft	6322	
	j)	18" dia		P.M	23370	P.Rft	7125	
3	M.S black steel pipe made out of M.S sheet of 7.0mm thickness confirming to API 5L grade X-42 ERW (7.0mm Thick). (Straight)							
	a	6" dia		P.M	9744	P.Rft	2971	
	b	8" dia		P.M	12814	P.Rft	3907	
	c	10" dia		P.M	16076	P.Rft	4901	
4	M.S black steel pipe made out of M.S sheet of 8.0mm thickness confirming to API 5L grade X-42 ERW (8.0mm Thick). (Straight)							
	a	12" dia		P.M	21812	P.Rft	6650	
	b	14" dia		P.M	24003	P.Rft	7318	
	c	16" dia		P.M	27514	P.Rft	8388	
	d	18" dia		P.M	31021	P.Rft	9457	
5	M.S black steel pipe made out of M.S sheet of 9.0mm thickness confirming to API 5L grade X-42 ERW (9.0mm Thick). (Straight)							
	a	12" dia		P.M	24462	P.Rft	7458	
	b	14" dia		P.M	26929	P.Rft	8210	
	c	16" dia		P.M	30874	P.Rft	9413	
	d	18" dia		P.M	34822	P.Rft	10616	

S.#	Description				S.I Units		Imperial Units		Remarks
					Units	Rate in Rs.	Units	Rate in Rs.	
6	M.S black steel pipe made out of M.S sheet of 5.56mm,W.T, 6mm W.T, 7.1mm W.T, 8mm W.T, 10mm thickness confirming to API 5L grade X-42 (Spirally Welled).								
a)	10.75"	dia	5.56mm	Thick	P.M	12516.66	P.Rft	3814.89	Ex-Factory Rate
b)	12.75"	dia	5.56mm	Thick	P.M	14894.10	P.Rft	4539.50	
c)	14"	dia	5.56mm	Thick	P.M	16380.00	P.Rft	4992.38	
d)	16"	dia	6.4mm	Thick	P.M	21545.55	P.Rft	6566.76	
e)	18"	dia	6.4mm	Thick	P.M	24282.18	P.Rft	7400.85	
f)	20"	dia	6.4mm	Thick	P.M	27017.64	P.Rft	8234.57	
g)	22"	dia	7.1mm	Thick	P.M	32967.09	P.Rft	10047.88	
h)	24"	dia	7.1mm	Thick	P.M	36002.07	P.Rft	10972.90	
i)	26"	dia	7.9mm	Thick	P.M	43383.60	P.Rft	13222.68	
j)	28"	dia	7.9mm	Thick	P.M	46761.39	P.Rft	14252.18	
k)	30"	dia	10mm	Thick	P.M	63289.98	P.Rft	19289.84	
l)	32"	dia	10mm	Thick	P.M	67565.16	P.Rft	20592.86	
m)	36"	dia	10mm	Thick	P.M	76115.52	P.Rft	23198.88	
n)	40"	dia	10mm	Thick	P.M	84667.05	P.Rft	25805.26	
o)	42"	dia	10mm	Thick	P.M	88942.23	P.Rft	27108.27	
p)	48"	dia	10mm	Thick	P.M	101768.94	P.Rft	31017.66	
7	M.S black steel pipe made out of M.S sheet of 4.8mm To 14.3mm thickness confirming to API 5L grade X-42.								
a)	3" dia upto 84" dia				P.Kg	350.00			
8	M.S black steel pipe made out of M.S sheet of 4.8mm To 14.3mm thickness (locally made).								
a)	3" dia upto 84" dia				P.Kg	250.00			
1	External 3 LPE Coating inspection and Testing will be carried out as per DIN 30670 Standard.								
a)	10.75"	Inch (273.05 mm)	OD x 5.56 mm WT	R/Metre	2701.53		P.Rft	823.39	Ex-Factory Rate
b)	12.75"	Inch (323.85 mm)	OD x 5.56 mm WT	R/Metre	3204.63		P.Rft	976.72	
c)	14"	Inch (355.6 mm)	OD x 5.56 mm WT	R/Metre	3518.19		P.Rft	1072.29	
d)	16"	Inch (406.4 mm)	OD x 6.4 mm WT	R/Metre	4021.29		P.Rft	1225.63	
e)	18"	Inch (457.2 mm)	OD x 6.4 mm WT	R/Metre	4524.39		P.Rft	1378.97	
f)	20"	Inch (508 mm)	OD x 6.4 mm WT	R/Metre	5026.32		P.Rft	1531.95	
g)	22"	Inch (558.8 mm)	OD x 7.1 mm WT	R/Metre	5529.42		P.Rft	1685.28	
h)	24"	Inch (609.6 mm)	OD x 7.1 mm WT	R/Metre	6032.52		P.Rft	1838.62	
i)	26"	Inch (660.4 mm)	OD x 7.9 mm WT	R/Metre	6534.45		P.Rft	1991.60	
j)	28"	Inch (711.2 mm)	OD x 7.9 mm WT	R/Metre	7037.55		P.Rft	2144.94	
k)	30"	Inch (762 mm)	OD x 10 mm WT	R/Metre	7540.65		P.Rft	2298.28	
l)	32"	Inch (812.5 mm)	OD x 10 mm WT	R/Metre	8042.58		P.Rft	2451.26	
m)	36"	Inch (914.4 mm)	OD x 10 mm WT	R/Metre	9047.61		P.Rft	2757.58	
n)	40"	Inch (1016. mm)	OD x 10 mm WT	R/Metre	10053.81		P.Rft	3064.25	
o)	42"	Inch (1066.8 mm)	OD x 10 mm WT	R/Metre	10555.74		P.Rft	3217.23	
p)	48"	Inch (1219.2 mm)	OD x 10 mm WT	R/Metre	12063.87		P.Rft	3676.89	

S.#	Description		S.I Units		Imperial Units		Remarks
			Units	Rate in Rs.	Units	Rate in Rs.	
1	Internal Cement Lining to be done as per AWWA C-205 Standard.						
a)	10.75"	Inch (273.05 mm) OD x 5.56 mm WT	R/Metre	1458.99	P.Rft	444.68	Ex-Factory Rate
b)	12.75"	Inch (323.85 mm) OD x 5.56 mm WT	R/Metre	1730.43	P.Rft	527.41	
c)	14"	Inch (355.6 mm) OD x 5.56 mm WT	R/Metre	1900.08	P.Rft	579.12	
d)	16"	Inch (406.4 mm) OD x 6.4 mm WT	R/Metre	2171.52	P.Rft	661.85	
e)	18"	Inch (457.2 mm) OD x 6.4 mm WT	R/Metre	2442.96	P.Rft	744.58	
f)	20"	Inch (508 mm) OD x 6.4 mm WT	R/Metre	2714.40	P.Rft	827.31	
g)	22"	Inch (558.8 mm) OD x 7.1 mm WT	R/Metre	2985.84	P.Rft	910.04	
h)	24"	Inch (609.6 mm) OD x 7.1 mm WT	R/Metre	3257.28	P.Rft	992.77	
i)	26"	Inch (660.4 mm) OD x 7.9 mm WT	R/Metre	3528.72	P.Rft	1075.50	
j)	28"	Inch (711.2 mm) OD x 7.9 mm WT	R/Metre	3800.16	P.Rft	1158.23	
k)	30"	Inch (762 mm) OD x 10 mm WT	R/Metre	4071.60	P.Rft	1240.96	
l)	32"	Inch (812.5 mm) OD x 10 mm WT	R/Metre	4343.04	P.Rft	1323.69	
m)	36"	Inch (914.4 mm) OD x 10 mm WT	R/Metre	4885.92	P.Rft	1489.16	
n)	40"	Inch (1016. mm) OD x 10 mm WT	R/Metre	5428.80	P.Rft	1654.62	
o)	42"	Inch (1066.8 mm) OD x 10 mm WT	R/Metre	5700.24	P.Rft	1737.35	
p)	48"	Inch (1219.2 mm) OD x 10 mm WT	R/Metre	6514.56	P.Rft	1985.54	
2	Jointing pipe line with welding at site i/c externally asphalt coating of Black Steel of per inch dia.						
			P.Inch dia	Rs. 210/=			Ex-Factory Rate

XI MISCELLANEOUS ITEMS

1	M.Steel Nuts & Bolts	P.Kg	375.00	Ex- Factory Rate.
2	S.S Nuts & Bolts (2" to 3" Long)			
	¼" Dia	Each	220.00	
	¾" Dia	Each	230.00	
	½" Dia	Each	250.00	
3	Rubber packing sheet thickness 1.5 to 3 mm			
	With Threads	P.Kg	280.00	
	Without Threads	P.Kg	190.00	
4	Rubber packing sheet thickness 4 to 10 mm			
	With Threads	P.Kg	320.00	
	Without Threads	P.Kg	240.00	
5	S Steel nuts & bolts half threaded			
	¼" Dia	Each	220.00	
	¾" Dia	Each	230.00	
	½" Dia	Each	250.00	
6	M.S sheet 4.8mm thick & above	P.Kg	226.00	
7	S.S Sheet 3mm to 6mm	P.Kg	510.00	
	S.S Sheet 7mm to 10mm	P.Kg	600.00	
8	M.S washer	P.Kg	320.00	
9	High tensile steel wire			
	½" (304 No.) (Made in Taiwan)	P.Kg	950.00	
	¼" (304 No.)	P.Kg	1350.00	
	High tensile steel wire			
	½" (304 No.) (Made in China)	P.Kg	750.00	
	¼" (304 No.)	P.Kg	1150.00	
10	S.S shaft upto 6 mm thick	P.Kg	750.00	
	S.S shaft upto 7mm to 10mm	P.Kg	1150.00	
11	PVC water stopper (Corrugated with bulb)			
	170mm wide	P. Rft	160.00	
	215mm wide	P. Rft	210.00	

12 i) PVC Blind Pipe "B" Class

4"	dia	R/Meter	997.42	P/Rft	304.00	Ex-
5"	dia	R/Meter	1364.90	P/Rft	416.00	Factory
6"	dia	R/Meter	1942.35	P/Rft	592.00	Rate.
8"	dia	R/Meter	2966.02	P/Rft	904.00	
10"	dia	R/Meter	4632.77	P/Rft	1412.00	
12"	dia	R/Meter	6467.51	P/Rft	1971.20	
14"	dia	R/Meter	7769.41	P/Rft	2368.00	

ii) PVC Blind Pipe "C" Class

4"	dia	R/Meter	1312.40	P/Rft	400.00	Ex-
5"	dia	R/Meter	1968.60	P/Rft	600.00	Factory
6"	dia	R/Meter	2803.29	P/Rft	854.40	Rate.
8"	dia	R/Meter	4330.92	P/Rft	1320.00	
10"	dia	R/Meter	6693.24	P/Rft	2040.00	
12"	dia	R/Meter	9433.53	P/Rft	2875.20	
14"	dia	R/Meter	11352.26	P/Rft	3460.00	

iii) PVC Blind Pipe "D" Class

4"	dia	R/Meter	1706.12	P/Rft	520.00	Ex-
5"	dia	R/Meter	2546.06	P/Rft	776.00	Factory
6"	dia	R/Meter	3674.72	P/Rft	1120.00	Rate.
8"	dia	R/Meter	5627.57	P/Rft	1715.20	
10"	dia	R/Meter	8730.08	P/Rft	2660.80	
12"	dia	R/Meter	12047.83	P/Rft	3672.00	
14"	dia	R/Meter	14830.12	P/Rft	4520.00	

iv) PVC Blind Pipe "E" Class

4"	dia	R/Meter	2047.34	P/Rft	624.00	Ex-
5"	dia	R/Meter	3084.14	P/Rft	940.00	Factory
6"	dia	R/Meter	4462.16	P/Rft	1360.00	Rate.
8"	dia	R/Meter	6824.48	P/Rft	2080.00	
10"	dia	R/Meter	10577.94	P/Rft	3224.00	

13 v) PVC STRAINERS "B" CLASS

0.020 m.m

(0.040 mm) & above.

4"	dia	R/Meter	997.42	P/Rft	304.00	
5"	dia	R/Meter	1364.90	P/Rft	416.00	
6"	dia	R/Meter	1942.35	P/Rft	592.00	
8"	dia	R/Meter	2966.02	P/Rft	904.00	
10"	dia	R/Meter	4632.77	P/Rft	1412.00	
12"	dia	R/Meter	6467.51	P/Rft	1971.20	
14"	dia	R/Meter	7769.41	P/Rft	2368.00	

vi) PVC STRAINERS "C" CLASS

0.020 m.m

(0.040 mm) & above.

4"	dia	R/Meter	1312.40	P/Rft	400.00	Ex-
5"	dia	R/Meter	1968.60	P/Rft	600.00	Factory
6"	dia	R/Meter	2803.29	P/Rft	854.40	Rate.
8"	dia	R/Meter	4330.92	P/Rft	1320.00	
10"	dia	R/Meter	6693.24	P/Rft	2040.00	
12"	dia	R/Meter	9433.53	P/Rft	2875.20	
14"	dia	R/Meter	11352.26	P/Rft	3460.00	

vii) PVC STRAINERS "D" CLASS

0.020 m.m

(0.040 mm) & above.

4"	dia	R/Meter	1706.12	P/Rft	520.00
5"	dia	R/Meter	2546.06	P/Rft	776.00
6"	dia	R/Meter	3674.72	P/Rft	1120.00
8"	dia	R/Meter	5627.57	P/Rft	1715.20
10"	dia	R/Meter	8730.08	P/Rft	2660.80
12"	dia	R/Meter	12047.83	P/Rft	3672.00
14"	dia	R/Meter	14830.12	P/Rft	4520.00

viii) PVC STRAINERS "E" CLASS

0.020 m.m

(0.040 mm) & above.

4"	dia	R/Meter	2047.34	P/Rft	624.00	Ex-
5"	dia	R/Meter	3084.14	P/Rft	940.00	Factory
6"	dia	R/Meter	4462.16	P/Rft	1360.00	Rate.
8"	dia	R/Meter	6824.48	P/Rft	2080.00	
10"	dia	R/Meter	10577.94	P/Rft	3224.00	

14 xi) PVC "Z" JOINT FITTING

i) PVC TEE.

1)	3"	dia	Each	1600.00		Ex-
2)	4"	dia	Each	1950.00		Factory
3)	5"	dia	Each	2190.00		Rate.
4)	6"	dia	Each	2480.00		
5)	8"	dia	Each	4800.00		
6)	10"	dia	Each	9300.00		

ii) PVC BENDS

1)	3"	dia	Each	510.00		Ex-
2)	4"	dia	Each	830.00		Factory
3)	5"	dia	Each	1040.00		Rate.
4)	6"	dia	Each	1395.00		
5)	8"	dia	Each	4710.00		
6)	10"	dia	Each	9150.00		

iii) PVC SOCKETS

1)	3"	dia	Each	250.00		Ex-
2)	4"	dia	Each	410.00		Factory
3)	5"	dia	Each	530.00		Rate.
4)	6"	dia	Each	780.00		
5)	8"	dia	Each	1950.00		
6)	10"	dia	Each	4100.00		

CHEMICAL USED FOR CC BLOCK

15	CURING COMPOUND WB-30 OR EQUIVALENT WHITE COLOR LIQUID				Ex- Factory Rate.
	1) Rate per liter Rs.	140			
16	SUPER PLASTICIZER 350 OR EQUIVALENT FOR MIXING IN CONCRETE.				
	1) Rate per liter Rs.	130			

SPECIAL CAST IRON FITTINGS FOR PVC PIPES

NOMINAL SIZE	TEE / R.TEE		CROSS / R.CROSS		BEND ANY DIA		REDUCER	
	PLAIN	FLANGED	PLAIN	FLANGED	PLAIN	FLANGED	PLAIN	FLANGED

(3 " Dia)	2200	2800	3200	4500	1900	2300	2200	2800
(4 " Dia)	3400	4500	6000	7500	2400	3500	4500	6000
(6 " Dia)	7000	8000	7500	9000	3500	6800	7000	8000
(8 " Dia)	17000	19000	14000	16000	12000	16000	17000	19000
(10 " Dia)	45000	55000	50000	65000	40000	452000	45000	55000
(12 " Dia)	120000	140000	140000	155000	120000	130000	120000	140000

NOMINAL SIZE	TAIL PIECE	END PLUG	END PLATE	GATE VALVE
--------------	---------------	----------	--------------	---------------

(3 " Dia)	1600	1500	1500	4500
(4 " Dia)	2400	2300	2300	6000
(6 " Dia)	3500	3400	3400	9000
(8 " Dia)	4500	4000	4000	19000
(10 " Dia)	5500	5200	5200	29000
(12 " Dia)	10000	8000	8000	40000

The rate are ex factory.

VIII- U P.V.C FITTING (PER EACH) (EQUIVALENT MAKE)

Description	Size	Tees Rs.	Elbows Rs.	Valves / Sockets Rs.	Endss Plugs Rs.	Reducing Bush Rs.	Bends Rs.	Tap Core / Th Socket Rs.
10 mm	(3/8" dia)	55.00	51.00	45.00	45.00	48.00	51.00	46.00
12 mm	(1/2" dia)	65.00	60.00	50.00	50.00	45.00	60.00	49.00
20 mm	(3/4" dia) E	90.00	70.00	60.00	60.00	55.00	70.00	50.00
25 mm	(1" dia) E	110.00	90.00	30.00	90.00	70.00	90.00	65.00
30 mm	(1.1/4" dia) D	130.00	110.00	100.00	110.00	90.00	110.00	75.00
40 mm	(1.1/2" dia) D	170.00	160.00	130.00	120.00	110.00	160.00	90.00
50 mm	(2" dia) D	210.00	200.00	160.00	140.00	130.00	200.00	105.00
80 mm	(3" dia) B	450.00	430.00	280.00	200.00	430.00	430.00	190.00
80 mm	(3" dia) D	450.00	430.00	280.00	200.00	430.00	430.00	190.00
100 mm	(4" dia) B	1200.00	1020.00	450.00	340.00	550.00	1020.00	270.00
400 mm	(4" dia) D	1200.00	1020.00	450.00	340.00	550.00	1020.00	270.00
150 mm	(6" dia) B	2440.00	2100.00	970.00	750.00	750.00	2100.00	450.00
150 mm	(6" dia) D	2440.00	2100.00	970.00	750.00	750.00	2100.00	450.00
200 mm	(8" dia) B	9500.00	8800.00	1600.00	1300.00	1200.00	8800.00	2600.00
250 mm	(10" dia) B	16000.00	14500.00	2400.00	2500.00	2200.00	14500.00	5000.00

Note Indicates

- 1) D. Indicates "D" class. All fitting "D" class except mentioned otherwise
B. Indicates "B" Class
- 2) The rates are Ex-Factory or dealer's shop.

S.#	Description			IMPERIAL UNITS					REMARKS
				UNIT	RATE IN Rs.				
MILD STEEL PIPE				1/2" (12mm thick) 3/8" (10mm thick) 1/4" (6mm). 3/16 (4.85mm)					
i.	80 mm	(3"	dia)	P.Kg	360	360	360	360	
ii.	100 mm	(4"	dia)	P.Kg	360	360	360	360	
iii.	150 mm	(6"	dia)	P.Kg	360	360	360	360	
iv.	200 mm	(8"	dia)	P.Kg	360	360	360	360	
v	250 mm	(10"	dia)	P.Kg	360	360	360	360	
vi.	300 mm	(12"	dia)	P.Kg	360	360	360	360	
vii.	350 mm	(14"	dia)	P.Kg	360	360	360	360	
viii.	375 mm	(15"	dia)	P.Kg	360	360	360	360	
ix.	400 mm	(16"	dia)	P.Kg	360	360	360	360	
x.	450 mm	(18"	dia)	P.Kg	360	360	360	360	
xi.	525 mm	(21"	dia)	P.Kg	360	360	360	360	
xii.	600 mm	(24"	dia)	P.Kg	360	360	360	360	
xiii.	675 mm	(27"	dia)	P.Kg	360	360	360	360	
xiv	750 mm	(30"	dia)	P.Kg	360	360	360	360	
xv.	825 mm	(33"	dia)	P.Kg	360	360	360	360	
xvi.	900 mm	(36"	dia)	P.Kg	360	360	360	360	
xvii.	1050 mm	(42"	dia)	P.Kg	360	360	360	360	
xviii.	1200 mm	(48"	dia)	P.Kg	360	360	360	360	
xix.	1350 mm	(54"	dia)	P.Kg	360	360	360	360	
xx.	1500 mm	(60"	dia)	P.Kg	360	360	360	360	
xxi.	1650 mm	(66"	dia)	P.Kg	360	360	360	360	
xxii.	1800 mm	(72"	dia)	P.Kg	360	360	360	360	
xxiii.	1950 mm	(78"	dia)	P.Kg	360	360	360	360	
xxiv.	2100 mm	(84"	dia)	P.Kg	360	360	360	360	

M.S PIPE

S.#	Description				S.I Units	Imperial Units		Remarks
					Dia mm	Units	Rate in Rs.	
1	M.S Pipe 14", 16" & 18" Dia made out of M.S Sheet 5.6mm, 6.0mm, 6.3mm, 7.01mm & 7.94mm etc complete.							
a)	14"	dia	5.6mm	Thick	355.6 mm	P.Rft	7040.49	Ex- Factory Rate
b)	14"	dia	6.0mm	Thick	355.6 mm	P.Rft	7535.12	
	16"	dia	6.0mm	Thick	406.4 mm	P.Rft	8926.83	
	18"	dia	6.0mm	Thick	457.2 mm	P.Rft	10097.56	
c)	14"	dia	6.35mm	Thick	355.6 mm	P.Rft	7965.37	
	16"	dia	6.35mm	Thick	406.4 mm	P.Rft	9124.39	
	18"	dia	6.35mm	Thick	457.2 mm	P.Rft	10317.07	
d)	14"	dia	7.01mm	Thick	355.6 mm	P.Rft	9046.83	
	16"	dia	7.01mm	Thick	406.4 mm	P.Rft	10103.41	
e)	14"	dia	7.94mm	Thick	355.6 mm	P.Rft	9942.44	
	16"	dia	7.94mm	Thick	406.4 mm	P.Rft	11405.85	
	18"	dia	7.94mm	Thick	457.2 mm	P.Rft	12848.78	

GOVERNMENT OF SINDH



SCHEDULE OF RATES

MATERIALS

FOR WATER SUPPLY & SANITARY ITEMS

VOLUME-III, PART-V

FIFTH EDITION – 2022

PUBLICATION No. 61

**SCHEDULE OF RATES
FOR WATER SUPPLY & SANITARY ITEMS (INTERNAL FITTINGS)
VOLUME-III, PART-V
SEVENTH EDITION – 2022**

CONTENTS

Sr. No.	DISCRIPTION	PAGE NO.
1	Sanitary Fitting	1-4
2	Toilets Requirements	5
3	C.I. Soil and Vent Fittings	6
4	Water Services (Internal)	7-13
5	Water Services (External)	7-13
6	Chambers for Stop Cock	14
7	Chambers for Stop Tank	14
8	Cast Iron Water Supply Pipes and Special	15
9	Gully Traps	16
10	Additional Items	17-36

CHAPTER-I
SANITARY FITTING

Note : The rates are based on the current prices of goods and popular quality Manufactures for standard pattern where as for foreign or equivalent rates for Karam Ceramic or I.C.I. have been adopted and in accordance with the Specification of Pakistan Standard & Quality Control Authority (PSQCA).

S. No.	Description of Material	S.I	Units	F.P	Units	Remarks
		Unit	Rate	Unit	Rate	
1	W.C. pan white or coloured glazed 23” Standard pattern.	Each	5530			
2	W.C. pan white or coloured glazed 19” Standard pattern.	Each	5250			
3.	W.C. pan white or coloured glazed 23” superior quality (Foreign or Equivalent)	Each	6626.67			
4.	W.C. pan white or coloured glazed 19” superior quality (Foreign or Equivalent)	Each	5450			
5.	W.C. pan orisa type white or coloured glazed 23” (Standard pattern).					
	(a) White	Each	5315			
	(b) Coloured	Each	12630			
6.	W.C. pan orisa type white or coloured glazed 19” (superior quality).	Each	6440			
7.	European type white or coloured glazed W.C. pan (standard pattern).	Each	19925			
8.	European type white or coloured glazed W.C. pan (superior quality).	Each	22325			
9.	Urinal white or coloured glazed 17” (standard pattern),	Each	6750			
10.	Urinal white or colour glazed 17” (superior quality)	Each	16200			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
11.	Wash Basin white or colour glazed 24"x18" (standard pattern)	Each	11400			
12.	Wash Basin white or colour glazed 24" x 18 (Foreign or superior quality)	Each	14100			
13.	Wash Basin white or colour glazed 22" x 16 (standard pattern)	Each	9000			
14.	Wash Basin white or colour glazed 22" x 16 (Foreign or superior quality)	Each	9450			
15.	Wash Basin white or colour glazed 18" x 12 (standard pattern)	Each	9000			
16.	Wash Basin white or colour glazed 18" x 12 (Foreign or superior quality)	Each	9450			
17.	Bath Tub Fiber Glass Size 5'-6" x 2'6" (standard pattern)	Each	NA			
18.	Bross over flow	Each	8050			
19.	Fire Clay Sink white or colour glazed size 24" x 18" x 8" (standard pattern)	Each	11725			
20.	Fire Clay Sink white or colour glazed size 24" x 18" x 8" (Foreign or superior quality)	Each	18500			
21.	Steel sink stainless steel standard size and pattern (40" x 20")	Each	3325			
	(a) Rashid Brand	Each	9400			
	(b) Fine Atlas Brand	Each	7600			
22.	Bath tub Fiber Glass size 5'-6" x 2'-0"	Each	16800			
23.	Steel sink stainless steel standard size and pattern (36" x 18")					
	(a) Rashid Brand	Each	7200			
	(b) Fine Atlas Brand	Each	5200			
24.	Steel sink stainless steel standard size and pattern (33" x 18")					
	(a) Rashid Brand	Each	7500			
	(b) Fine Atlas Brand	Each	4000			
	(c) Mixture	Each	7500			

S. No.	Description of Material	S.I Units		F.P Units		
		Unit	Rate	Unit	Rate	
25	Flush Tank low level Plastic 3 Gallons (Golden Brand or standard pattern)					
	(a) Medium Quality	Each	3317.5			
	(b) Superior Quality	Each	5676.67			
26	Flush Tank low level Plastic 3 Gallons I.C.I. (Master Brand or standard pattern)					
	(a) 1" Quality	Each	2350			
	(b) 2" Quality	Each	2050			
27	Flush Tank Earthen were low level 3 gallons (Golden Brand or standard pattern)	Each	5900			
	(a) 1" Quality (I.C.I.)	Each	3800			
	(b) 2" Quality	Each	100			
28	P or S trap of C.I 4" dia (Teepu)	Each	400			
29	P or S trap of Earthen 4" dia	Each	500			
30	C.I Thumble 4" dia	Each	125			
31	Plastic Thumble 4" dia	Each	100			
32	Plastic Seat for English W.C. (Standard pattern)					
	(a) Golden Brand	Each	1000			
	(b) Master Brand	Each	1500			
33	Plastic Seat for English W.C. (Superior quality (hydraulic))	Each	2500			
34	C.I. Cantilever Brackets	Each	950			
35	Flush Bend PVC steel 1½" dia (Golden or White)	Each	450			
36	Flush Bend Steel 1½" dia Golden	Each	700			
37	Waste Pipe PVC 1½" dia	Each	142			
38	Flush Pipe Steel	Each	1175			
39	C.P. Brass Chain	Each	350			
40	C.P. Waste 1½ " dia	Each	85			
41	Earthen ware Pedistal white or coloured (Karam or standard pattern)	Each	1050			

S. No.	Description of Material	S.I Units		F.P Units		
		Unit	Rate	Unit	Rate	
42	Earthern ware Pedistal white or coloured (Superior Quality) ICI.	Each	1200			
43	C.P. Pillar Cock (Standard)	Each	2553			
44	C.P. Pillar Cock (Medium)	Each	3180.667			
45	C.P. Pillar Cock (Superior Master)	Each	3147.333			
46	Rubber Plug with chain	Each	142			
47	Waste Pipe PVC	Each	95			
48	Waste Pipe Steel	Each	600			
49	C.I. Floor trap 6" x 2 or 6" x 3" Commercial	Each	2600			
50	C.I. gratting (Jail)	Each	1800			
51	C.I. Floor trap 4" x 4" Commercial	Each	1960			
52	Lead Connection with Brass nuts	Each	586			
53	Nyloon Connection with Brass nuts (18")	Each	376			

CHAPTER-II
TOILET REQUIREMENT

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
1	C.P. Towel rail standard size 36" long (Round or Square)	Each	1724			
2	C.P. Towel rail standard size 30" long (Round or Square)	Each	1691.5			
3	C.P. Towel rail standard size 24" long (Round or Square)	Each	1120			
4	C.P. Towel rail standard size 36" long Superior Quality (Round or Square)	Each	1900			
5	C.P. Towel rail standard size 30" long Superior Quality (Round or Square)	Each	1650			
6	C.P. Towel rail standard size 24" long Superior Quality (Round or Square)	Each	1400			
7	Toilet Paper Holder (Standard)	Each	1486.5			
8	Toilet Paper Holder (Superior Quality)	Each	1578			
9	Toilet Paper Roll (Tissue Paper)	Each	215			
10	Mirror size 24" x 18 Belveled edge with 1/8" thick hard board (Standard)	Each	2800			
11	Mirror size 15" x 12" Belveled edge with 1/8" thick hard board (Standard)	Each	1800			
12	Mirror size 24" x 18 Belgium Glass with plastic moulding (Superior Quality)	Each	3600			
13	Mirror size 15" x 12 Belgium Glass with plastic moulding (Superior Quality)	Each	3000			
14	Soap Tray Earthen Ware	Each	1444.5			
15	Soap Tray Plastic	Each	1016.5			

CHAPTER-III

C.I SOIL AND VENT FITTINGS

Note : - Pipe and fittings shall confirm to B.S.S. No. 416-1935 (Medium guard & in accordance with Pakistan Standard Institution Specification.

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
1	C.I. Soil or Vent Pipe 4" dia Commercial	Per Rft	800			
2	C.I. Soil or Vent Pipe 3" dia Commercial	Per Rft	633.33			
3.	C.I. M.S. Clamps Pipe 4" dia Commercial	Each	400			
4	C.I. M.S. Clamps Pipe 3" dia Commercial	Each	350			
5.	C.I. Plug Bend 4" dia Commercial	Per Rft	1000			
6.	C.I. Plug Bend 3" dia Commercial	Per Rft	800			
7.	C.I. Plain Bend 4" dia Commercial	Per Rft	950			
8.	C.I. Plain Bend 3" dia Commercial	Per Rft	800			
9.	C.I. Plug Tee 4" x 4" x 4" Commercial	Per Rft	1250			
10.	C.I. Plug Tee 3" x 3" x 3" Commercial	Per Rft	950			
11.	C.I. Plain Tee 4" x 4" x 4" Commercial	Per Rft	1200			
12.	C.I. Plain Tee 3" x 3" x 3" Commercial	Per Rft	900			
13.	C.I. Offset Band 4" dia Commercial	Per Rft	1200			
14.	C.I. Offset Band 3" dia Commercial	Per Rft	100			
15.	C.I. Socket 4" dia Commercial	Per Rft	550			
16.	C.I. Socket 3" dia Commercial	Per Rft	500			
17.	C.I. Terminal Guard 4" dia Commercial	Per Rft	650			
18.	C.I. Terminal Guard 3" dia Commercial	Per Rft	550			
19.	P.V.C. Terminal Guard 4" dia Commercial	Per Rft	120			
20.	P.V.C. Terminal Guard 3" dia Commercial	Per Rft	100			
21.	Painting of Pipes with 3 coats of Paint (4" dia)	Per Rft	50			
22	Painting of Pipes with 3 coats of Paint (3" dia)	Per Rft	40			

CHAPTER-IV & V
WATER SERVICES (INTERNAL / EXTERNAL)

Note:-

- (i) G.I. Pipes shall be approved quality & gauge of pipe shall be to with stand pressure
- (ii) G.I. Fitting shall be of China made to with stand water pressure.
- (iii) And in accordance with Pakistan Standard Institution Specification.

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	

PIPES

- 1 **G.I. Pipes of approved quality to be tested with pressure head of 200 ft.**

(a) <u>½" dia (1.1.1.)</u>	Per Rft	
(i) Extra Light		104.56
(ii) Light		114.93
(iii) Medium		143.89
(b) <u>¾" dia (1.1.1.)</u>	-do-	
(i) Extra Light		147.67
(ii) Light		165.95
(iii) Medium		185.35
(c) <u>1" dia (1.1.1.)</u>	-do-	
(i) Extra Light		213.04
(ii) Light		237.04
(iii) Medium		283.92
(d) <u>1¼" dia (1.1.1.)</u>	-do-	
(i) Extra Light		275.84
(ii) Light		306.53
(iii) Medium		365.97
(e) <u>1½" dia (1.1.1.)</u>	-do-	
(i) Extra Light		352.12
(ii) Light		391.03
(iii) Medium		421.94
(f) <u>2" dia (1.1.1.)</u>	-do-	
(i) Extra Light		444.49
(ii) Light		493.09
(iii) Medium		592.61
(g) <u>2½" dia (1.1.1.)</u>	-do-	
(i) Extra Light		626.33
(ii) Light		685.43
(iii) Medium		757.77

S. No.	Description of Material	S.I Units		F.P Units		
		Unit	Rate	Unit	Rate	
	(h) <u>3" dia (1.1.1.)</u>	-do-				
	(i) Extra Light		729.59			
	(ii) Light		804.44			
	(iii) Medium		931.69			
	(i) <u>4" dia (1.1.1.)</u>	-do-				
	(i) Extra Light		1044.1			
	(ii) Light		1153			
	(iii) Medium		1426.82			
	(j) <u>6" dia (1.1.1.)</u>	-do-				
	(i) Extra Light		1716.24			
	(ii) Light		1997.82			
	(iii) Medium		2286.39			
2	<u>G.I. Socket</u>					
	G.I. Socket ½" dia	Each	35			
	G.I. Socket ¾" dia	-do-	50			
	G.I. Socket 1" dia	-do-	75			
	G.I. Socket 1¼" dia	-do-	120			
	G.I. Socket 1½" dia	-do-	135			
	G.I. Socket 2" dia	-do-	190			
	G.I. Socket 2½" dia	-do-	400			
	G.I. Socket 3" dia	-do-	540			
	G.I. Socket 4" dia	-do-	800			
	G.I. Socket 6" dia	-do-	3500			
3.	<u>G.I. Elbow</u>					
	G.I. Elbow ½" dia	Each	44			
	G.I. Elbow ¾" dia	-do-	60			
	G.I. Elbow 1" dia	-do-	95			
	G.I. Elbow 1¼" dia	-do-	160			
	G.I. Elbow 1½" dia	-do-	180			
	G.I. Elbow 2" dia	-do-	150			
	G.I. Elbow 2½" dia	-do-	490			
	G.I. Elbow 3" dia	-do-	810			
	G.I. Elbow 4" dia	-do-	1620			
	G.I. Elbow 6" dia	-do-	5400			
4.	<u>G.I. Tee</u>					
	G.I. Tee ½" dia	Each	41			
	G.I. Tee ¾" dia	-do-	70			
	G.I. Tee 1" dia	-do-	90			
	G.I. Tee 1¼" dia	-do-	150			
	G.I. Tee 1½" dia	-do-	200			

S. No.	Description of Material	S.I Units		F.P Units		
		Unit	Rate	Unit	Rate	

G.I. Tee 2" dia	-do-	500
G.I. Tee 2½" dia	-do-	620
G.I. Tee 3" dia	-do-	1000
G.I. Tee 4" dia	-do-	1500
G.I. Tee 6" dia	-do-	4400

5. **G.I. Union**

G.I. Union ½" dia	Each	86
G.I. Union ¾" dia	-do-	114
G.I. Union 1" dia	-do-	156
G.I. Union 1¼" dia	-do-	240
G.I. Union 1½" dia	-do-	290
G.I. Union 2" dia	-do-	500
G.I. Union 2½" dia	-do-	770
G.I. Union 3" dia	-do-	1160
G.I. Union 4" dia	-do-	2050
G.I. Union 6" dia	-do-	8000

6 **G.I. Nipples**

G.I. Nipples ½" dia	Each	24
G.I. Nipples ¾" dia	-do-	30
G.I. Nipples 1" dia	-do-	50
G.I. Nipples 1¼" dia	-do-	70
G.I. Nipples 1½" dia	-do-	90
G.I. Nipples 2" dia	-do-	130
G.I. Nipples 2½" dia	-do-	300
G.I. Nipples 3" dia	-do-	360
G.I. Nipples 4" dia	-do-	700
G.I. Nipples 6" dia	-do-	400

7. **G.I. Bends**

G.I. Bends ½" dia	Each	70
G.I. Bends ¾" dia	-do-	90
G.I. Bends 1" dia	-do-	130
G.I. Bends 1¼" dia	-do-	220
G.I. Bends 1½" dia	-do-	300
G.I. Bends 2" dia	-do-	480
G.I. Bends 2½" dia	-do-	1440
G.I. Bends 3" dia	-do-	2000
G.I. Bends 4" dia	-do-	3000
G.I. Bends 6" dia	-do-	8000

S. No.	Description of Material	S.I Units		F.P Units		
		Unit	Rate	Unit	Rate	

8. **Bib Cocks & Stop Cocks (Brass)**

Brass bib cock ½” dia (Light Pattern)	Each	1650.333
Brass bib cock ½” dia (Standard Pattern)	-do-	1998.333
Brass bib cock ¾” dia (Light Pattern)	-do-	1759.667
Brass bib cock ¾” dia (Standard Pattern)	-do-	1728
Brass bib cock 1” dia (Light Pattern)	-do-	1200
Brass bib cock 1” dia (Standard Pattern)	-do-	1285
Brass stop cock ½” dia (Light Pattern)	-do-	1407
Brass stop cock ½” dia (Standard Pattern)	-do-	1694.5

9. **Bib Cock & Stop Cock (C.P.)**

C.P. bib cock ½” dia (Light Pattern)	Each	1271.5
C.P. bib cock ½” dia (Standard Pattern)	-do-	1626.5
C.P. stop cock ½” dia (Light Pattern)	-do-	1284
C.P. stop cock ½” dia (Standard Pattern)	-do-	1622.5

10. **C.P. Shower (Rose)**

C.P. shower rose 4” dia (Standard Pattern)	Each	1391
C.P. shower rose 4” dia (Superior quality)	-do-	1950.333
C.P. shower rose 6” dia (Standard Pattern)	-do-	1618.5
C.P. shower rose 6” dia (Superior quality)	-do-	2698.667

11 **Gate Valves (Gun Metal) (Heavy)**

½” dia Heavy pattern	Each	300
¼” dia Heavy pattern	-do-	450
1” dia Heavy pattern	-do-	480
1¼” dia Heavy pattern	-do-	800
1½” dia Heavy pattern	-do-	1750
2” dia Heavy pattern	-do-	1850
2½” dia Heavy pattern	-do-	2200
3” dia Heavy pattern	-do-	3500
4” dia Heavy pattern	-do-	5600

S. No.	Description of Material	S.I Units		F.P Units		
		Unit	Rate	Unit	Rate	

12. **Gate Valves (Gun Metal) (Light)**

½” dia Light pattern	Each	580
¼” dia Light pattern	-do-	620
1” dia Light pattern	-do-	1185
1¼” dia Light pattern	-do-	1650
1½” dia Light pattern	-do-	2280
2” dia Light pattern	-do-	3150
2½” dia Light pattern	-do-	2500
3” dia Light pattern	-do-	3800
4” dia Light pattern	-do-	5600

13. **Handle Valves (Italy)**

½” dia	Each	1000
¾” dia	-do-	1200
1” dia	-do-	1450
1¼” dia	-do-	2965
1½” dia	-do-	2400
2” dia	-do-	4800

14. **Ball Valves with Plastic Ball & Rod**

½” dia	Each	946
¾” dia	-do-	998
1” dia	-do-	1633
1¼” dia	-do-	3193
1½” dia	-do-	3810
2” dia	-do-	5441

15. **Brass Ferules**

½” dia	Each	200
¾” dia	-do-	350
1” dia	-do-	550
1¼” dia	-do-	900
1½” dia	-do-	1400
2” dia	-do-	1900

S. No.	Description of Material	S.I Units		F.P Units		
		Unit	Rate	Unit	Rate	

16 **M.S. Clamps with Socket & Screws**
for Connection to Public Health

(i) Clamps for 3" dia Connection	Each	350
(ii) Clamps for 4" dia Connection	-do-	400
(iii) Clamps for 6" dia Connection	-do-	600

**CONCEALED C.P. FITTING FOR
HOT AND COLD LINE WITH
CONCEALED G.I. PIPE**

17 **Concealed Stop Cock**

(i) Concealed stop cock ½" dia (Superior quality with C.P. Head).	-do-	1200
(ii) Concealed stop cock ½" dia (Superior quality with Crystal Head)	-do-	1250

18. **Concealed Tee-Stop Cock**

(i) Concealed Tee-stop cock ½" dia (Superior quality with C.P. Head).	-do-	1500
(ii) Concealed Tee-stop cock ½" dia (Superior quality with Crystal Head)	-do-	1625

19. **Long Bib Cock**

(i) Long bib cock ½" dia (Superior quality with C.P. Head).	-do-	2116
(ii) Long bib cock ½" dia (Superior quality with Crystal Head)	-do-	2247

20. **Wash Basin Mixture**

(i) Wash basin mixture of Superior quality with C.P. Head.	-do-	6105
(ii) Wash basin mixture of Superior quality with Crystal Head.	-do-	7140

21. Jet shower with C.P. Head of Superior quality.	-do-	2000
---	------	------

S. No.	Description of Material	S.I Units		F.P Units		
		Unit	Rate	Unit	Rate	
22.	<u>Swan Type Pillar Cock</u>					
	(i) Swan type pillar cock with single head C.P.	-do-	3150			
	(ii) Swan type pillar cock with single head Crystal.	-do-	3561			
23.	Sink Mixture Cock.	-do-	6011.333			
24.	(i) Bath Tub Mixture (C.P.)	-do-	9354.5			
	(ii) Bath Tub Mixture (Crystal)	-do-	9312			
25	(i) C.P. Muslim shower (C.P. Head) with double bib cock & ring pipe.	Each	3563.333			
	(ii) C.P. Muslim shower (Crystal Head) with double bib cock & ring pipe.	-do-	5503.333			
26.	Telephone shower with ring pipe.	-do-	3229.333			
27.	C.P. Surgical pillar cock.	-do-	3597.667			
28.	Bath set (/ pieces) containing towel rail brush holder, soap tray, shelf etc. (Standard quality pattern) (Master	-do-	11810.33			
29.	Bath set (/ pieces) containing towel rail brush holder, soap tray, shelf etc. (Superior quality pattern) (Master	-do-	14140.33			

CHAPTER-VI & VII
CHAMBERS FOR STOP COCKS AND TANKS

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
1	C.I. Cover (Hinged) with frame size 9" x 6" (Weight ½ Qtr.)	Each	2000			
2	C.I. Cover (Hinged) with frame size 16 x 16"	Each	7800			
3	C.I. Cover (Hinged) with frame size 18" x 18" (50 Kg)	Each	15000			
4	C.I. Cover (Hinged) with frame size 24" x 24" (65 Kg)	Each	21000			
5	M.S. Sheet of various size & thickness for tanks etc.	Per Kg	230	Per Cwt.		
6	G.I. sheet of various size of gauges for tanks etc.	Per Kg	190	Per Cwt.		
7	Fiber glass tanks of approved quality and make. (Master Brand & Popular Brand)					
	(i) 250 Gallons	Each	30000			
	(ii) 350 Gallons	Each	45000			
	(iii) 500 Gallons	Each	60000			
	(vi) 700 Gallons	Each	75000			
	(v) 1000 Gallons	Each	87000			
	(vi) 1500 Gallons	Each	118000			

CHAPTER-VIII
G.I. WATER SUPPLY PIPES & SPECIALS

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
1	G.I. Water Supply Pipe 3" dia	Per Rft	325	Per Meter		
2	G.I. Water Supply Pipe 4" dia	Per Rft	365	Per Meter		
3	G.I. Bond 90% 3" dia	Each	1050			
4	G.I. Bond 90% 4" dia	Each	1150			
5	G.I. Bond 45% 3" dia	Each	1050			
6	G.I. Bond 45% 4" dia	Each	1200			
7	G.I. Tee 3" x 3" dia	Each	2400			
8	G.I. Tee 4" x 4" dia	Each	3550			
9	Cross 3 dia (C.I.)	Each	4800			
10	Cross 4 dia (C.I.)	Each	5900			
11	Taper 4" dia to 3" dia (C.I.)	Each	2000			
12	Taper 6" dia to 4" dia (C.I.)	Each	3350			
13	Standard Collars 3" dia (C.I.)	Each	2000			
14	Standard Collars 4" dia (C.I.)	Each	2800			

CHAPTER-IX
GULLY TRAPES

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
1	C.I. Gully traps 6" x 6" x 4"	Each	700			
2	C.C. Gully traps 6" x 6" x 4"	Each	400			
3	Earthern Water Gully Traps 6" x 6" x 4"	Each	450			
4	C.I.. Cover for Gully traps 6" x 4"	Each	600			
5	R.C. Cover for Gully traps 6" x 4"	Each	940			
6	Asbestos Pipe (Non Pressure Pipe)	Each	220			
	(a) 3" dia (Dadex Pipe)	Per Meter	802	Per Rft		
	(b) 4" dia (Dadex Pipe)	Per Meter	1165	Per Rft		
	(c) 5" dia (Dadex Pipe)	Per Meter	1585	Per Rft		

ADDITIONAL SANITARY ITEMS

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
	GAS Pipe		5% Reduced			
1	Aeris GAS Pipe Yellow					
	a) 3/8"	P/Foot	102.74			
	b) 1/2"	P/Foot	136.89			
	c) 3/4"	P/Foot	178.00			
	d) 1"	P/Foot	173.17			
	e) 1 1/4"	P/Foot	437.80			
	f) 1 1/2"	P/Foot	560.67			
	g) 2"	P/Foot	738.41			
	h) 3"	P/Foot	1094.20			
	i) 4"	P/Foot	1641.15			
	j) 6"	P/Foot	3829.87			
2	ELBOW 90					
	a) 1/2"	Each	64.60			
	b) 3/4"	Each	92.15			
	c) 1"	Each	149.15			
3	TEE					
	a) 1/2"	Each	90.25			
	b) 3/4"	Each	106.40			
	c) 1"	Each	189.05			
4	COUPLING					
	a) 1/2"	Each	54.15			
	b) 3/4"	Each	64.60			
	c) 1"	Each	92.15			
5	MALE ADAPTOR					
	a) 1/2"	Each	54.15			
	b) 3/4"	Each	75.05			
	c) 1"	Each	106.40			
6	MALE ADAPTOR BRASS					
	a) 1/2"	Each	223.25			
	b) 3/4"	Each	300.20			
	c) 1"	Each	413.25			
7	ELBOW BRASS					
	a) 1/2" X 1/2"	Each	253.65			
8	TEE BRASS					
	a) 1/2" X 1/2"	Each	300.20			
9	BRIDGE BEND					
	a) 1/2"	Each	195.70			
	b) 3/4"	Each	300.20			
	c) 1"	Each	487.35			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	

10 CPVC Pipe SCH-40

a) ½"	P/Foot	86.58
b) ¾"	P/Foot	119.20
c) 1"	P/Foot	189.51
d) 1 ¼"	P/Foot	400.00
e) 1½"	P/Foot	525.60
f) 2"	P/Foot	640.24

11 CPVC Pipe SCH-80

a) ½"	P/Foot	149.39
b) ¾"	P/Foot	201.82
c) 1"	P/Foot	292.07
d) 1 ¼"	P/Foot	519.81
e) 1½"	P/Foot	629.26
f) 2"	P/Foot	875.00

12 PVC Pipe SCH-40

a) ½"	P/Foot	53.35
b) ¾"	P/Foot	71.95
c) 1"	P/Foot	107.31
d) 1 ¼"	P/Foot	146.03
e) 1½"	P/Foot	175.60
f) 2"	P/Foot	238.41
g) 2½"	P/Foot	423.47
h) 3"	P/Foot	487.19
i) 4"	P/Foot	696.34
j) 6"	P/Foot	1223.17
k) 8"	P/Foot	1847.86

13 PVC Pipe - SDR 13.5 Series

a) ½"	P/Foot	38.41
b) ¾"	P/Foot	63.71
c) 1"	P/Foot	1020.13

14 CPVC Pipe - SDR 13.5 Series

a) ½"	P/Foot	73.47
b) ¾"	P/Foot	78.96
c) 1"	P/Foot	171.03

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	

15 PVC Pipe SDR Series

a) 2" - 26	P/Foot	172.86
b) 3" - 32.5	P/Foot	244.81
c) 3" - 41	P/Foot	207.92
d) 4" - 41	P/Foot	348.17
e) 4" - 32.5	P/Foot	387.19
f) 5" - 41	P/Foot	512.50
g) 6" - 41	P/Foot	744.20
h) 8" - 41	P/Foot	1266.76
i) 4" - 64	P/Foot	270.13
j) 5" - 64	P/Foot	348.17
k) 6" - 64	P/Foot	486.52

16 PVC Pipe SCH-80

a) ½"	P/Foot	81.10
b) ¾"	P/Foot	110.36
c) 1"	P/Foot	158.84
d) 1 ¼"	P/Foot	222.86
e) 1½"	P/Foot	267.37
f) 2"	P/Foot	375.30
g) 2½"	P/Foot	586.58
h) 3"	P/Foot	625.00
i) 4"	P/Foot	1113.41
j) 6"	P/Foot	2122.86
k) 8"	P/Foot	3220.42
l) 10"	P/Foot	4840.58

17 Noise Free Pipe

a) 4"	Each	2305
b) 6"	Each	4481

18 Elbow 90°

a) ½"	Each	17
b) ¾"	Each	24
c) 1"	Each	49
d) 1 ¼"	Each	76
e) 1½"	Each	105

19 Elbow 45°

a) ½"	Each	65
b) ¾"	Each	121
c) 1"	Each	130
d) 1 ¼"	Each	253
e) 1½"	Each	93

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	

20 Tee

a) ½"	Each	28
b) ¾"	Each	36
c) 1"	Each	67
d) 1 ¼"	Each	99
e) 1½"	Each	144

21 Coupling

a) ½"	Each	13
b) ¾"	Each	14
c) 1"	Each	31
d) 1 ¼"	Each	49
e) 1½"	Each	54

22 Male Adapter

a) ½"	Each	11
b) ¾"	Each	15
c) 1"	Each	32
d) 1 ¼"	Each	43
e) 1½"	Each	67

23 Steel Handle Valve

a) ½"	Each	899
b) ¾"	Each	948
c) 1"	Each	1551
d) 1 ¼"	Each	3033
e) 1½"	Each	3620

24 Union

a) ½"	Each	80
b) ¾"	Each	116
c) 1"	Each	185
d) 1 ¼"	Each	189
e) 1½"	Each	258

25 Plastic Clip

a) ½"	Each	93
b) ¾"	Each	93
c) 1"	Each	105
d) 1 ¼"	Each	124
e) 1½"	Each	138

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
26	Top Tile					
	a) 15x15 cm	C/Metre	675			
	b) 20x20cm	C/Metre	1124			
27	Grate Grill					
	a) 20x5"	Eech	2249			
28	Long Bend					
	a) ½"	Each	410			
	b) ¾"	Each	443			
	c) 1"	Each	550			
	d) 1 ¼"	Each	762			
	e) 1½"	Each	857			
29	Cement Cleaner					
	a) 240 ml	Each	618			
	b) 500 ml	Each	1093			
30	ELBOW 90°					
	a) 2"	Each	159			
	b) 3"	Each	320			
	c) 4"	Each	504			
	d) 6"	Each	1419			
	e) 8"	Each	6295			
31	ELBOW 45°					
	a) 2"	Each	125			
	b) 3"	Each	294			
	c) 4"	Each	456			
	d) 6"	Each	1261			
	e) 8"	Each	5509			
32	TEE					
	2"	Each	196			
	3"	Each	438			
	4"	Each	662			
	6"	Each	1731			
	8"	Each	8658			
33	COUPLING					
	a) 2"	Each	85			
	b) 3"	Each	229			
	c) 4"	Each	320			
	d) 6"	Each	867			
	e) 8"	Each	1223			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
34	WYE 45⁰					
	a) 2"	Each	235			
	b) 3"	Each	614			
	c) 4"	Each	906			
	d) 6"	Each	2126			
	e) 8"	Each	4742			
35	P-TRAP W/ELBOW 45⁰					
	a) 2"	Each	382			
	b) 3"	Each	619			
	c) 4"	Each	1001			
	d) 6"	Each	-			
	e) 8"	Each	-			
36	PLUG ELBOW					
	a) 2"	Each	339			
	b) 3"	Each	434			
	c) 4"	Each	694			
	d) 6"	Each	708			
	e) 8"	Each	-			
37	PLUG TEE					
	a) 2"	Each	564			
	b) 3"	Each	543			
	c) 4"	Each	906			
	d) 6"	Each	787			
	e) 8"	Each	-			
38	REDUCING BUSH					
	a) 3" x 2"	Each	170			
	b) 4" x 2"	Each	205			
	c) 4" x 3"	Each	205			
	d) 6" x 4	Each	346			
	e) 8"x 6"	Each	629			
39	PLASTIC CLIP					
	a) 2"	Each	177			
	b) 3"	Each	284			
	c) 4"	Each	346			
	d) 6"	Each	631			
40	FLOOR TRAP					
	a) 3" x 2"	Each	931			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
41	COWEL					
	a) 2"	Each	206			
	b) 3"	Each	321			
	c) 4"	Each	435			
42	MANHOLE COVER					
	a) 12" x 12"	Each	2025			
	b) 16" x 16"	Each	3822			
43	STEEL HANDLE VALVE					
	a) 2"	Each	5169			
	b) 3"	Each	11373			
	c) 4"	Each	22746			
44	LONG BEND					
	2"	Each	1264			
	3"	Each	3438			
	4"	Each	4088			
	6"	Each	10803			
45	REDUCING TEE					
	a) ¾" x ½"	Each	122			
	b) 1" x ½"	Each	203			
	c) 1" x ¾"	Each	203			
	d) 1 ¼" x ¾"	Each	283			
	e) 1 1/1 x 1"	Each	378			
	f) 2" x ½"	Each	592			
	g) 2" x ¾"	Each	592			
	h) 2" x 1"	Each	592			
46	REDUCING ELBOW					
	a) 4 x 3"	Each	584			
47	REDUCING TEE					
	a) 4" x 3"	Each	808			
48	REDUCING TEE					
	a) ½" x ½" x ¾"	Each	129			
	b) 1" x 1" x ½"	Each	202			
	c) ¾" x ¾" x 1"	Each	225			
	d) 1" x 1" x ¾"	Each	257			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
49	ANGLE TEE					
	a) $\frac{3}{4}$ "	Each	129			
	b) 1"	Each	257			
	c) 1 1/1"	Each	388			
50	ANGLE CROSS					
	$\frac{3}{4}$ "	Each	152			
	1"	Each	283			
	1 $\frac{1}{4}$ "	Each	419			
51	REDUCING COUPLING					
	a) $\frac{3}{4}$ " x $\frac{1}{2}$ "	Each	67			
	b) 1" x $\frac{1}{2}$ "	Each	105			
	c) 1" x $\frac{3}{4}$ "	Each	105			
	d) 1 $\frac{1}{4}$ " x $\frac{1}{2}$ "	Each	170			
	e) 1 $\frac{1}{4}$ " x 1"	Each	170			
	f) 1 $\frac{1}{2}$ " x $\frac{1}{2}$ "	Each	226			
	g) 1 $\frac{1}{2}$ " x $\frac{3}{4}$ "	Each	226			
	h) 1 $\frac{1}{2}$ " x 1"	Each	226			
	i) 1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ "	Each	226			
	j) 2" $\frac{1}{2}$ "	Each	298			
	k) 2" x $\frac{3}{4}$ "	Each	298			
	l) 2" x 1 $\frac{1}{4}$ "	Each	298			
	m) 2" x 1 $\frac{1}{2}$ "	Each	298			
	n) 2 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ "	Each	566			
	o) 2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	Each	566			
	p) 2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	Each	566			
	q) 3 x 2 $\frac{1}{2}$ "	Each	808			
	r) 4" x 2"	Each	1161			
	s) 4" x 2 $\frac{1}{2}$ "	Each	1280			
	t) 6" x 2"	Each	3264			
	u) 6" x 3"	Each	3264			
	v) 6" x 4"	Each	3264			
52	REDUCING ELBOW					
	a) $\frac{3}{4}$ " x $\frac{1}{2}$ "	Each	100			
	b) 1" x $\frac{1}{2}$ "	Each	179			
	c) 1" x $\frac{3}{4}$ "	Each	179			
	d) 1 $\frac{1}{4}$ " x $\frac{3}{4}$ "	Each	243			
	e) 1 $\frac{1}{4}$ " x $\frac{3}{4}$ "	Each	243			
	f) 1 $\frac{1}{4}$ " x 1"	Each	243			
	g) 1 $\frac{1}{2}$ " x $\frac{3}{4}$ "	Each	390			
	h) 1 $\frac{1}{2}$ " x 1"	Each	390			
	i) 1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ "	Each	390			
	j) 2" x 1"	Each	486			
	k) 2" x 1 $\frac{1}{4}$ "	Each	486			
	l) 2" x 1 $\frac{1}{2}$ "	Each	486			
	m) 2 $\frac{1}{2}$ " x 2"	Each	876			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
54	FEMALE ELBOW 90⁰					
	a) ½"	Each	71			
	b) ¾"	Each	71			
	c) 1"	Each	195			
55	MALE PLUG					
	a) ½"	Each	34			
	b) ¾"	Each	53			
	c) 1"	Each	119			
56	TEE					
	a) 2 ½"	Each	1525			
57	ELBOW 45⁰					
	a) 2 ½"	Each	862			
58	WYE					
	a) 1 ¼"	Each	660			
	b) 1 ½"	Each	903			
	c) 2 ½"	Each	2696			
59	MALE ADAPTOR					
	a) 2"	Each	380			
	b) 3"	Each	1121			
	c) 4"	Each	1690			
	d) 6"	Each	6031			
60	REDUCING BUSH					
	a) ¾" x ½"	Each	24			
	b) 1" x ¾"	Each	31			
	c) 1 ¼" x 1"	Each	56			
	d) 2" x 1"	Each	96			
	e) 2" x 1 ½"	Each	96			
61	DOUBLE WYE 45⁰ DOUBLE TEE					
	a) 2"	Each	3540			
	b) 3"	Each	12474			
	c) 4"	Each	17011			
	d) 6"	Each	-			
	e) 8"	Each	-			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
62	CAP					
	a) ½"	Each	69			
	b) ¾"	Each	96			
	c) 1"	Each	145			
	d) 1 ¼"	Each	189			
	e) 1 ½"	Each	268			
63	END CAP					
	a) 2"	Each	306			
	b) 2 ½"	Each	472			
	c) 3"	Each	593			
	d) 4"	Each	946			
	e) 6"	Each	3640			
64	FEMALE TEE					
	a) ½"	Each	103			
	b) ¾"	Each	148			
	c) 1"	Each	257			
65	MALE THREADED ELBOW					
	a) ½"	Each	68			
	b) ¾"	Each	-			
	c) 1"	Each	-			
66	CLEAN OUT					
	a) 2"	Each	1013			
	b) 3"	Each	2025			
	c) 4"	Each	2248			
	d) 6"	Each	4942			
	e) 8"	Each	13483			
67	UNION					
	a) 2"	Each	2739			
	b) 3"	Each	2332			
	c) 4"	Each	4014			
68	ELBOW 90°					
	a) ½"	Each	45			
	b) ¾"	Each	67			
	c) 1"	Each	111			
69	TEE					
	a) ½"	Each	65			
	b) ¾"	Each	79			
	c) 1"	Each	142			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
70	COUPLING					
	a) ½"	Each	37			
	b) ¾"	Each	47			
	c) 1"	Each	67			
71	MALE ADAPTOR					
	a) ½"	Each	37			
	b) ¾"	Each	48			
	c) 1"	Each	79			
72	BRIDGE BEND					
	a) ½"	Each	167			
	b) ¾"	Each	255			
	c) 1"	Each	411			
	d) ¼ "	Each	927			
73	STEEL HANDLE VAIVE					
	a) ½"	Each	1852			
	b) ¾"	Each	1938			
	c) 1"	Each	2109			
	d) 1¼	Each	3876			
74	BRASS MALE ADAPTOR					
	a) ½"	Each	140			
	b) ¾"	Each	200			
	c) 1"	Each	230			
	d) 1¼	Each	330			
	e) 1½"	Each	554			
	f) 2"	Each	769			
75	BRASS ELBOW					
	½ x ½"	Each	187			
76	BRASS TEE					
	½ x ½"	Each	248			
77	BRASS SOCKET (SCH 80)					
	½ x ½"	Each	230			
78	ELBOW 90°					
	a) ½"	Each	65			
	b) ¾"	Each	94			
	c) ¼"	Each	702			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
79	ELBOW 45⁰					
	a) ½"	Each	69			
	b) ¾"	Each	75			
	c) 1"	Each	168			
	d) ¼"	Each	702			
80	TEE					
	a) ½"	Each	95			
	b) ¾"	Each	127			
	c) ¼"	Each	920			
81	COUPLING					
	a) ½"	Each	52			
	b) ¾"	Each	68			
	c) ¼"	Each	450			
82	MALE ADAPTOR					
	a) ½"	Each	52			
	b) ¾"	Each	68			
	c) 1/4"	Each	450			
83	END CAP					
	a) ½"	Each	65			
	b) ¾"	Each	77			
	c) 1"	Each	170			
	d) 1/4"	Each	343			
84	REDUCER BRUSH					
	a) ¾" x ½"	Each	68			
	b) 1" x ¾"	Each	121			
	c) 1 ¼" x 1"	Each	239			
	d) 1 ½" x 1 ¼"	Each	286			
85	UNION					
	a) ½"	Each	362			
	b) ¾"	Each	426			
	c) 1"	Each	835			
	d) 1 ¼"	Each	1995			
86	BRASS ELBOW					
	a) ½" x ½"	Each	230			
	b) ½" x ¾"	Each	284			
	c) ¾" x ¾"	Each	516			
	d) 1" x 1"	Each	904			
	e) 1 ¼" x 1 ¼"	Each	1651			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
87	BRASS TEE					
	a) ½" x ½"	Each	328			
	b) ½" x ¾"	Each	351			
	c) ¾" x ¾"	Each	658			
	d) 1" x 1 "	Each	1170			
	e) 1 ¼" x 1 ¼"	Each	2183			
89	BRASS SOCKET					
	a) ½" x ½"	Each	230			
	b) ½" x ¾"	Each	314			
	c) ¾" x ¾"	Each	516			
	d) 1" x 1 "	Each	904			
	e) 1 ¼" x 1 ¼"	Each	1651			
90	CPVC SOLVENT					
	a) 59 ml	Each	791			
	b) 118 ml	Each	1141			
	c) 237 ml	Each	1998			
	d) 473 ml	Each	3733			
	e) 946 ml	Each	6554			
91	COUPLING					
	a) 1 ½"	Each	541			
	b) 2"	Each	749			
	c) 3"	Each	1946			
	d) 4"	Each	3293			
	e) 6"	Each	5986			
92	CAP					
	a) 1 ½"	Each	358			
	b) 2"	Each	598			
	c) 3"	Each	1527			
	d) 4"	Each	2692			
	e) 6"	Each	6287			
93	FLANGE					
	a) 2"	Each	2543			
	b) 3"	Each	4488			
	c) 4"	Each	6737			
	d) 6"	Each	12571			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
94	MALE ADAPTOR BRASS					
	a) 1 ½"	Each	749			
	b) 2"	Each	1495			
	c) 3"	Each	6238			
	d) 4"	Each	12474			
95	STEEL HANDLE VALVE					
	a) 1 ½"	Each	3443			
	b) 2"	Each	4488			
	c) 3"	Each	10479			
	d) 4"	Each	26941			
96	REDUCER BUSH					
	a) 2" x 1"	Each	598			
	b) 2" x 1" ½"	Each	598			
	c) 3 x 2"	Each	1273			
	d) 3 x 2"½	Each	1273			
	e) 4 x 3"	Each	2248			
	f) 6 x 4"	Each	7783			
97	ELBOW 90°/45°					
	a) ½"	Each	855			
	b) 2"	Each	1273			
	c) 3"	Each	3443			
	d) 4"	Each	6060			
	e) 6"	Each	16464			
98	TEE					
	a) 1 ½"	Each	1273			
	b) 2"	Each	1796			
	c) 3"	Each	4488			
	d) 4"	Each	8080			
	e) 6"	Each	20953			
99	MALE ADAPTOR					
	a) 1 ½"	Each	855			
	b) 2"	Each	1273			
	c) 3"	Each	3443			
	d) 4"	Each	6060			
100	UNION					
	a) 1 ½"	Each	2543			
	b) 2"	Each	3143			
	c) 3"	Each	8979			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	

101 CLASS (B) 87 Lbs (BAR)

a) 3"	P/Foot	290.54
b) 4"	P/Foot	439.63
c) 5"	P/Foot	604.57
d) 6"	P/Foot	859.45
e) 8"	P/Foot	1321.34
f) 10"	P/Foot	2050.00
g) 12"	P/Foot	2074.69
h) 14"	P/Foot	3439.32
i) 16"	P/Foot	4486.58
j) 18"	P/Foot	5724.69
k) 20"	P/Foot	7053.34
l) 24"	P/Foot	10129.9

102 CLASS (D) 173 Lbs (12 BAR)

a) 1" ¼"	P/Foot	102.43
b) 1" ½"	P/Foot	133.23
c) 2"	P/Foot	207.01
d) 2" ½"	P/Foot	-
e) 3"	P/Foot	451.52
f) 4"	P/Foot	757.01
g) 5"	P/Foot	1130.79
h) 6"	P/Foot	1635.36
i) 8"	P/Foot	2506.40
j) 10"	P/Foot	3884.14
k) 12"	P/Foot	5467.98
l) 14"	P/Foot	6594.51
m) 16"	P/Foot	8578.65
n) 18"	P/Foot	10872.3

103 CLASS (C) 130 Lbs (9 BAR)

a) 2"	P/Foot	168.59
b) 2 ½"	P/Foot	-
c) 3"	P/Foot	348.47
d) 4"	P/Foot	575.91
e) 5"	P/Foot	634.00
f) 6"	P/Foot	1243.29
g) 8"	P/Foot	1021.34
h) 10"	P/Foot	2977.74
i) 12"	P/Foot	4187.50
j) 14"	P/Foot	5036.89
k) 16"	P/Foot	6624.39
l) 18"	P/Foot	8389.87
m) 20"	P/Foot	10337.2
n) 24"	P/Foot	14872.6

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	

104 CLASS (E) 217 Lbs (15 BAR)

			-		
a) ½"	P/Foot	38.71			
b) ¾"	P/Foot	55.18			
c) 1"	P/Foot	80.48			
d) 1 ¼"	P/Foot	124.69			
e) 1 ½"	P/Foot	162.80			
f) 2"	P/Foot	256.70			
g) 2 ½"	P/Foot	-			
h) 3"	P/Foot	552.74			
I) 4"	P/Foot	910.06			
j) 5"	P/Foot	1375.30			
k) 6"	P/Foot	1981.09			
l) 8"	P/Foot	3032.01			
m) 10"	P/Foot	4707.01			
n) 12"	P/Foot	6649.08			
o) 14"	P/Foot	8002.43			
p) 16"	P/Foot	10442.7			

105 UPVC DIN 8061/62 (Class III 87 lbs (6 Bar)

a) 200mm	P/Foot	1378.04			
b) 400mm	P/Foot	5419.81			
c) 450mm	P/Foot	6881.70			
d) 500mm	P/Foot	8440.54			
e) 630mm	P/Foot	12480.2			

106 Elbow 90° / 45°

a) ½"	Each	72			
b) ¾"	Each	105			
c) 1"	Each	129			
d) 1 ¼"	Each	283			
e) 1 ½"	Each	307			
f) 2"	Each	430			
g) 2 ½"	Each	1253			
h) 3"	Each	1269			
i) 4"	Each	2101			
j) 6"	Each	6972			
k) 8"	Each	16958			
l) 10"	Each	45586			
m) 12"	Each	66142			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	

107 Tee

a) ½"	Each	100
b) ¾"	Each	143
c) 1"	Each	188
d) 1 ¼"	Each	474
e) 1½"	Each	371
f) 2"	Each	563
g) 2½"	Each	1721
h) 3"	Each	1761
i) 4"	Each	3038
j) 6"	Each	8846
k) 8"	Each	24136
l) 10"	Each	56489
m) 12"	Each	84916

108 Double Union Valve

a) ½"	Each	1056
b) ¾"	Each	1492
c) 1"	Each	2193
d) 1 ¼"	Each	3149
e) 1½"	Each	4915
f) 2"	Each	6299
g) 2½"	Each	16508
h) 3"	Each	23595
i) 4"	Each	42401

109 Reducer Bush

a) 2"x1"	Each	297
b) 2½"x2"	Each	654
c) 3"x2½"	Each	677
d) 4"x2"	Each	859
e) 4"x3"	Each	828
f) 6"x4"	Each	1074
g) 8"x6"	Each	3031

110 Blind Flange

a) 3"	Each	2544
b) 4"	Each	5236

111 Reducing Tee

6"x4"	Each	10472
-------	------	-------

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	

112 Coupling

a) ½"	Each	65
b) ¾"	Each	93
c) 1"	Each	101
d) 1 ¼"	Each	158
e) 1½"	Each	560
f) 2"	Each	260
g) 2½"	Each	738
h) 3"	Each	751
i) 4"	Each	1074
j) 6"	Each	6024
k) 8"	Each	13171
l) 10"	Each	34071
m) 12"	Each	56455

113 Cap

a) 2"	Each	272
b) 2½"	Each	368
c) 3"	Each	748
d) 4"	Each	750

114 Butterfly Valve

a) 2"	Each	5922
b) 2½"	Each	6388
c) 3"	Each	8432
d) 4"	Each	10730
e) 6"	Each	19715
f) 8"	Each	30487
g) 10"	Each	78853
h) 12"	Each	100491

115 Male Adopter

a) ½"	Each	44
b) ¾"	Each	83
c) 1"	Each	101
d) 1 ¼"	Each	185
e) 1½"	Each	215
f) 2"	Each	304
g) 2½"	Each	672
h) 3"	Each	947
i) 4"	Each	1625

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	
116	Female Adopter					
	a) 3"	Each	360			
	b) 4"	Each	1039			
	c) 6"	Each	1770			
117	Cross					
	a) 3"	Each	3336			
	b) 4"	Each	5505			
	c) 6"	Each	13566			
118	Flange					
	a) ½"	Each	-			
	b) ¾"	Each	-			
	c) 1"	Each	518			
	d) 1 ¼"	Each	750			
	e) 1½"	Each	807			
	f) 2"	Each	841			
	g) 2½"	Each	1715			
	h) 3"	Each	1343			
	i) 4"	Each	2191			
	j) 6"	Each	4291			
	k) 8"	Each	9688			
	l) 10"	Each	18626			
	m) 12"	Each	30391			
119	PVC Conduit Pipes & Accessories					
	Conduit					
	a) ½"	P/Metre	47			
	b) ¾"	P/Metre	63			
	c) 1"	P/Metre	87			
	d) 1 ¼"	P/Metre	87			
	e) 1½"	P/Metre	127			
	f) 2"	P/Metre	208			
	g) 3"	P/Metre	320			
	h) 4"	P/Metre	485			
120	PVC Conduit Pipes & Accessories					
	Socket					
	a) ½"	P/Dozen	95			
	b) ¾"	P/Dozen	103			
	c) 1"	P/Dozen	15			
	d) 1 ¼"	P/Dozen	240			
	e) 1½"	P/Dozen	407			
	f) 2"	P/Dozen	868			
	g) 3"	P/Dozen	1970			
	h) 4"	P/Dozen	2744			

S. No.	Description of Material	S.I	Units	F.P	Units	
		Unit	Rate	Unit	Rate	

121 PVC Conduit Pipes & Accessories

Bend

a) ½"	P/Dozen	198
b) ¾"	P/Dozen	213
c) 1"	P/Dozen	332
d) 1 ¼"	P/Dozen	543
e) 1½"	P/Dozen	956
f) 2"	P/Dozen	2089
g) 3"	P/Dozen	7729
h) 4"	P/Dozen	11592

122 PVC Conduit Pipes & Accessories

Junction

a) ½"	P/Dozen	-
b) ¾"	P/Dozen	669
c) 1"	P/Dozen	720
d) 1 ¼"	P/Dozen	-
e) 1½"	P/Dozen	-
f) 2"	P/Dozen	-
g) 3"	P/Dozen	-
h) 4"	P/Dozen	-

123 PVC Conduit Pipes & Accessories

Lenter 3"

a) ½"	P/Dozen	-
b) ¾"	P/Dozen	865
c) 1"	P/Dozen	897
d) 1 ¼"	P/Dozen	-
e) 1½"	P/Dozen	-
f) 2"	P/Dozen	-
g) 3"	P/Dozen	-
h) 4"	P/Dozen	-

124 PVC Conduit Pipes & Accessories

Spot Light Box

a) ½"	P/Dozen	-
b) ¾"	P/Dozen	-
c) 1"	P/Dozen	-
d) 1 ¼"	P/Dozen	-
e) 1½"	P/Dozen	-
f) 2"	P/Dozen	-
g) 3"	P/Dozen	901
h) 4"	P/Dozen	1186

GOVERNMENT OF SINDH



SCHEDULE OF RATES

MATERIALS

VOLUME - III, PART -VI

FOR ELECTRICAL ITEMS OF WORKS

2nd EDITION – 2022

PUBLICATION No. 62

**SCHEDULE OF RATES (MATERIALS)
FOR ELECTRICAL ITEMS OF WORKS
VOLUME-III, PART-VI
SECOND EDITION – 2022
PUBLICATION NO.62**

CONTENTS

Sr. No.	DISCRIPTION	PAGE NO.
1	Basic Rates of Material for Electrical Items	1-4
2	Electrical Accessories	5
3	Circuit Barkers	5
4	Un-Armoured Cables 3.5 Core PVC/PVC Copper Conductor 660/1000 Volt.	6
5	Armoured Cables 3.5 Core.Copper Conductor 660/1000 Volts.	6
6	Armoured Cables 4 Core. Copper Conductor 660/1000 Volts.	6
7	Un-Armoured Cable 4 Core PVC/PVC Copper Conductor 660/1000 Volt.	6
8	Hard Drawn Bara Copper Wire PVC Pipe & fitting and Hard Drawn Bare Copper Wire	7
9	PVC/PVC 3 Core Cable	7
10	Change Over Switch.	8
11	Rewinding of Motor.	8
12	Over Load Relays (National Green Power), Japan.	9
13	Contactors (National Green Power), Japan.	9
14	Current Transformer (FISCO), Made in Pakistan.	10
15	Ammeters, Voltmeters.	11

**THESE RATES ARE EXCLUSIVE OF CONTRUCTOR PROFIT AND MATERIALS IN
ACCORANCE WITH THE SPECIFICATION OF PAKISTAN STANDARD
& QUALITY CONTROL AUTHORITY (PSQCA).
BASIC RATES OF MATERIALS FOR ELECTRICAL ITEMS**

S. No.	Description	Unit	Rate Rs.	Unit	Rate Rs.
1	PVC insulated single core copper conductor 250/440 Volts size 1/1.13mm (3/029).	P. Meter	50	P. Rft	15
2	PVC insulated single core copper conductor 250/440 Volts size 1/1.38mm (3/036).	P. Meter	53	P. Rft	16
3	PVC insulated single core copper conductor 250/440 Volts size 1/1.78mm (7/029).	P. Meter	105	P. Rft	32
4	PVC insulated single core copper conductor 250/440 Volts size 7/0.85mm (7/036) 4mm ² .	P. Meter	139	P. Rft	39
5	PVC insulated single core copper conductor 250/440 Volts size 7/1.04mm (7/044) 6mm ² .	P. Meter	204	P. Rft	62
6	PVC insulated single core copper conductor 250/440 Volts size 7/1.35mm (7/052) 10mm ² .	P. Meter	349.6	P. Rft	106.3
7	PVC insulated single core copper conductor 250/440 Volts size 7/1.70mm (7/064) 16mm ² .	P. Meter	528	P. Rft	161
8	PVC insulated single core copper conductor 250/440 Volts size (19.044).	P. Meter	590.66	P. Rft	240
9	PVC insulation & PVC sheeted Two Core copper conductor 300/500 volts 1.5mm ² .	P. Meter	160	P. Rft	49
10	PVC insulation & PVC sheeted Two Core copper conductor 300/500 volts 2.5mm ² .	P. Meter	280.6	P. Rft	322.3
11	PVC insulation & PVC sheeted Two Core copper conductor 300/500 volts 4mm ² .	P. Meter	359	P. Rft	109.3
12	PVC insulation & PVC sheeted Two Core copper conductor 300/500 volts 6mm ² .	P. Meter	482.6	P. Rft	147
13	PVC insulation & PVC sheeted Two Core copper conductor 300/500 volts 10mm ² .	P. Meter	766.3	P. Rft	233.6
14	PVC insulation & PVC sheeted Three Core copper conductor 300/500 volts 1.5mm ² .	P. Meter	228	P. Rft	69.3
15	PVC insulation & PVC sheeted Three Core copper conductor 300/500 volts 2.5mm ² .	P. Meter	337.3	P. Rft	102.6
16	PVC insulation & PVC sheeted Three Core copper conductor 300/500 volts 4mm ² .	P. Meter	504.3	P. Rft	153.6
17	PVC insulation & PVC sheeted Three Core copper conductor 300/500 volts 6mm ² .	P. Meter	773	P. Rft	235.66
18	PVC insulation & PVC sheeted Three Core copper conductor 300/500 volts 10mm ² .	P. Meter	1161	P. Rft	353.66
19	PVC insulated & PVC sheeted Four Core copper conductor 300/500 volts 1.5mm ² .	P. Meter	296	P. Rft	90.33
20	PVC insulated & PVC sheeted Four Core copper conductor 300/500 volts 2.5mm ² .	P. Meter	431	P. Rft	131.3
21	PVC insulated & PVC sheeted Four Core copper conductor 300/500 volts 4mm ² .	P. Meter	656.33	P. Rft	200
22	PVC insulated & PVC sheeted Four Core copper conductor 300/500 volts 6mm ² .	P. Meter	937.3	P. Rft	285.6
23	PVC insulated & PVC sheeted Four Core copper conductor 300/500 volts 10mm ² .	P. Meter	1432	P. Rft	386
24	PVC insulated single core copper conductor 660/1100 Volts size 1/1.3mm (3/029).	P. Meter		P. Rft	

S. No.	Description	Unit	Rate Rs.	Unit	Rate Rs.
25	PVC insulated single core copper conductor 660/1100 Volts size 1/1.38mm (3/036).	P. Meter		P. Rft	
26	PVC insulated single core copper conductor 660/1100 Volts size 1/1.78mm (7/029).	P. Meter		P. Rft	
27	PVC insulated single core copper conductor 660/1100 Volts size 7/0.85mm (7/.03).	P. Meter		P. Rft	
28	PVC insulated single core copper conductor 660/1100 Volts size 7/1.04mm (7/.044).	P. Meter		P. Rft	
29	PVC insulated single core copper conductor 660/1100 Volts size 7/1.35mm (7/.052).	P. Meter		P. Rft	
30	PVC insulated single core copper conductor 660/1100 Volts size 7/1.70mm (7/.064).	P. Meter		P. Rft	
31	PVC insulated single core copper conductor 660/1100 Volts size (19.044).	P. Meter		P. Rft	
32	PVC insulated & PVC sheeted Three Core copper conductor 600/1000 volts 16mm ² .	P. Meter	1622.33	P. Rft	494.33
33	PVC insulated & PVC sheeted Three Core copper conductor 600/1000 volts 25mm ² .	P. Meter	2487	P. Rft	746.33
34	PVC insulated & PVC sheeted Three Core copper conductor 600/1000 volts 35mm ² .	P. Meter	3416	P. Rft	1041.33
35	PVC insulated & PVC sheeted Three Core copper conductor 600/1000 volts 50mm ² .	P. Meter	46000.66	P. Rft	993.33
36	PVC insulated & PVC sheeted Three Core copper conductor 600/1000 volts 70mm ² .	P. Meter	6580	P. Rft	2006
37	PVC insulated & PVC sheeted Three Core copper conductor 600/1000 volts 95mm ² .	P. Meter	9115	P. Rft	2779
38	PVC insulated & PVC sheeted Four Core copper conductor 600/1000 volts 16mm ² .	P. Meter	2134.6	P. Rft	650.66
39	PVC insulated & PVC sheeted Four Core copper conductor 600/1000 volts 25mm ² .	P. Meter	3289	P. Rft	1002.66
40	PVC insulated & PVC sheeted Four Core copper conductor 600/1000 volts 35mm ² .	P. Meter	3014	P. Rft	1378.5
41	PVC insulated & PVC sheeted Four Core copper conductor 600/1000 volts 50mm ² .	P. Meter	4282	P. Rft	1866.5
42	PVC insulated & PVC sheeted armored 4 Core copper conductor 600/1000 volts 10mm ² .	P. Meter	2629.33	P. Rft	801.333
43	PVC insulated & PVC sheeted armored 4 Core copper conductor 600/1000 volts 16mm ² .	P. Meter	2615.66	P. Rft	797.66
44	PVC insulated & PVC sheeted armored 4 Core copper conductor 600/1000 volts 25mm ² .	P. Meter	3813	P. Rft	809.33
45	PVC insulated & PVC sheeted armored 4 Core copper conductor 600/1000 volts 35mm ² .	P. Meter	5079	P. Rft	2724.66
46	PVC insulated & PVC sheeted armored 4 Core copper conductor 600/1000 volts 50mm ² .	P. Meter	6876.66	P. Rft	2096.66
47	MS Tabular pole 20ft (6" dia) x 5.5' (5" dia) x 5.5 (4" dia)=31' long 8 SWG thick with base plate 1.8"x1.8"x¾ with 4 no's holes.	Each	75620.66	-	-
48	As above but in size 6mtr (6" dia) x 33mtr (5" dia) x 3mtr (4" dia).	Each	76603.66	-	-
49	Octagonal pole 50ft long 6" top & bottom 24" base plate 32" x 32" x 1.	Each	283865.33	-	-

S. No.	Description	Unit	Rate Rs.	Unit	Rate Rs.
50	Hexagonal pole 40ft long 4" top & bottom 12" base plate 24" x 24" x 1.	Each	155773.33	-	-
51	Hexagonal pole 40ft long 6" top & bottom 18" base plate 32" x 32" x 1.	Each	230248	-	-
52	Tabular pole 20ft (6" dia) x 5.5" (5" dia) x 5.5" (4" dia) – 31' long base plate 16"x16x¼".	Each	65765	-	-
53	Tabular pole 20ft (6" dia) x10 (5" dia) x 10' (4" dia) – 40' long base plate 16"x16x¼".	Each	81982	-	-
54	Cage for pole length of bolts 6½ (¾ dia) 4 no's rings ¼" dia round bar 5 no's.	Each	11985	-	-
55	Cage for pole length of bolts 9½ (1¼" dia) 6 no's rings ¼" dia round bar.	Each	65465	-	-
56	Cage for pole length of bolts 9½ (1¼" dia) 8 no's rings ¼" dia round bar.	Each	90035	-	-
57	Cage for pole length of bolts 7½ (1 dia) 6 no's rings ¼" dia round bar.	Each	36009	-	-
58	G.I. single arm bracket 5' long 2" dia.	Each	7344	-	-
59	G.I. single arm bracket 7' long 2" dia.	Each	9003	-	-
60	G.I. single arm bracket 5' long 2" dia with 5" dia 1' long canopy.	Each	10308	-	-
61	G.I. single arm bracket 7' long 2" dia with 5" dia 1' long canopy.	Each	12279	-	-
62	G.I. double arm bracket 5' long 2" dia.	Each	14715	-	-
63	G.I. double arm bracket 7' long 2" dia.	Each	17991	-	-
64	G.I. double arm bracket 5' long 2" dia with 5" dia 1' long canopy.	Each	20627	-	-
65	G.I. double arm bracket 7' long 2" dia with 5" dia 1' long canopy.	Each	24543	-	-
66	Angle iron bracket in Square shape for 3 to 4 no's flood lights.	Each	5732	-	-
67	Angle iron bracket in Hexagonal shape for 5 to 6 no's flood lights.	Each	9827	-	-
68	Angle iron bracket in Polygonal shape for 8 to 12 no's flood lights, 16 gauge.	Each	73683	-	-
69	G.I. pipe bracket in Hexagonal shape for 6 no's street lights.	Each	2451	-	-
70	Junction box in size 10" x 8" x 5".	Each	4068	-	-
71	Junction box in size 8" x 6" x 4".	Each	3265	-	-
72	Street light 125W (HPMV) Philips IP 54.	Each	8026	-	-
73	Street light 250W (HPMV) Philips IP 54.	Each	15656	-	-
74	Street light 250W (SON) Philips IP 54.	Each	27218	-	-
75	Street light 250W (SON) Philips IP 65.	Each	32077	-	-
76	Street light 250W (SON) Philips IP 66.	Each	47229	-	-
77	Flood light 250W (SON) Philips IP 65.	Each	20626	-	-
78	Flood light 250W (HPIT) Philips IP 65.	Each	24138	-	-
79	Flood light 400W (SON) Philips IP 65.	Each	57057	-	-
80	Flood light 400W (HPIT) Philips IP 65.	Each	21185	-	-
81	Street light 400W (SON) IP 66.	Each	57275	-	-
82	Flood light 2000W (HPIT).	Each	188151	-	-
83	125W Lamp (HPMV) Philips.	Each	1255	-	-
84	250W Lamp (HPMV) Philips.	Each	2074	-	-
85	125W Choke (HPMV) Philips.	Each	3756	-	-
86	250W Choke (HPMV) Philips.	Each	5301	-	-
87	250W Lamp (SON) Philips.	Each	3925	-	-
88	250W Lamp (SON-T) Philips.	Each	2844	-	-
89	250W Choke (SON) Philips.	Each	5197	-	-

S. No.	Description	Unit	Rate Rs.	Unit	Rate Rs.
90	250W Capacitor Philips.	Each	813	-	-
91	250W Igniter Philips.	Each	1102	-	-
92	400W Lamp (SON-T) Philips.	Each	3406	-	-
93	400W Chock (SON) Philips.	Each	2675	-	-
94	400W Igniter Philips.	Each	1141	-	-
95	400W Capacitor Philips.	Each	1020	-	-
96	250W Lamp (HPIT)) Philips.	Each	3494	-	-
97	250W Choke (HPIT) Philips.	Each	5268	-	-
98	400W Lamp (HPIT) Philips.	Each	3468	-	-
99	400W Chock (HPIT) Philips.	Each	6768	-	-
100	Acrylic cover 125W Philips.	Each	649	-	-
101	Acrylic cover 250W Philips.	Each	816	-	-
102	Holder 125W Philips.	Each	128	-	-
103	Holder 250W/400W Philips.	Each	404	-	-
104	Lamp 2000W (HPIT) Philips.	Each	78515	-	-
105	Choke 2000W (HPIT) Philips.	Each	57057	-	-
106	Igniter 2000W (HPIT) Philips.	Each	4040	-	-
107	Jointing kit (Raychem) 10mm/16mm.	Each	4068	-	-
108	Jointing kit (Raychem) 25mm/35mm.	Each	6492	-	-
109	Jointing kit (Raychem) 50mm.	Each	9801	-	-
110		Each		-	-
111		Each		-	-
112	Jointing kit (Raychem) 50mm armored.	Each	13098	-	-
113	4 no's Ferule 10mm.	Each	316	-	-
114	4 no's Ferule 16mm.	Each	508	-	-
115	4 no's Ferule 25mm.	Each	644	-	-
116	4 no's Ferule 35mm.	Each	1201	-	-
117	4 no's Ferule 50mm.	Each	1567	-	-
118	Not Available	Each		-	-
119	40 & 50 amp TP circuit breaker.	Each	6693	-	-
120	75 & 100 amp TP circuit breaker.	Each	8440	-	-
121	125, 150,200 & 225 amp TP circuit breaker.	Each	19375	-	-
122	3 Amp Photo cell.	Each		-	-
123	10 Amp Photo cell.	Each		-	-
124	Timer 500 hours backup.	Each	14625	-	-
125	Coil FC 10N, 15N, 18N & 20N.	Each		-	-
126	Coil FC 25N & 30N.	Each		-	-
127	Coil FC 35N.	Each		-	-
128	Coil FC 30, 35, 50.	Each		-	-
129	Coil FC 65N, FC 65Ns & FC 80N.	Each		-	-
130	Channel Patti ½" P.R ft.	Each	65	-	-
131	Channel Patti ¾" P.R ft.	Each	81	-	-
132	Channel Patti 1 P.R. ft.	Each	104	-	-
133	Channel Patti 2" P.R. ft.	Each	287	-	-
134	PVC Pipe ½ P.R. ft.	Each	40	-	-
135	PVC Pipe ¾ P.R. ft.	Each	51	-	-
136	PVC Pipe 1 P.R. ft.	Each	71	-	-
137	PVC Pipe 1 1/4 P.R. ft.	Each	417	-	-
138	PVC Pipe 1½ P.R. ft.	Each	164	-	-
139	PVC Pipe 2 P.R. ft.	Each	235	-	-

ELECTRICAL ACCESSORIES

Surface Type Switches:

S. No.	Description	Unit	Rate Rs.	Unit	Rate Rs.
1	Switch one way S.P.5 Amps.	-	-	Each	198
2	Switch one way S.P.5 Amps.	-	-	Each	264
3	Switch one way S.P.10/15 Amps.	-	-	Each	327

Flush Type Switches (Piano):

4	Switch one way S.P.5 Amps.	-	-	Each	92
5	Switch two ways S.P.5 Amps.	-	-	Each	108
6	Switch one way S.P.15 Amps.	-	-	Each	87

Plugs and Sockets Surface Type:

7	Pin 5 Amps plug and socket.	-	-	Each	136
8	Pin 5 Amps plug and socket.	-	-	Each	231
9	Pin 10/15 Amps plug and socket.	-	-	Each	294

Flush Type Plug Socket:

10	2Pin 5 Amps plug and socket.	-	-	Each	98
11	3Pin 5 Amps plug and socket.	-	-	Each	280
12	3Pin 10/15 Amps plug and socket.	-	-	Each	512

Ceiling Rose:

13	Bakelite ceiling rose with two terminals.	-	-	Each	120
14	Brass pendent lamp holder.	-	-	Each	294
15	Brass bracket lamp holder suitable for 12mm (½") dia bracket.	-	-	Each	1373
16	Brass bracket lamp holder suitable for 15mm (5/6") dia bracket.	-	-	Each	2350
17	Brass batten holder.	-	-	Each	242
18	Brass batten holder swiveling type.	-	-	Each	411
19	Ceiling Fan 48" (Good quality).	-	-	Each	9882
20	Ceiling Fan 56" (Good quality).	-	-	Each	10100
21	Bracket Fan 18" (Good quality).	-	-	Each	9636

CIRCUIT BREAKERS

1	Circuit breaker 30 Amp: SP (32 A)	-	-	Each	816
2	Circuit breaker 30 Amp: DP (32 A)	-	-	Each	2346
3	Circuit breaker 30 Amp: TP (32 A)	-	-	Each	3540
4	Circuit breaker 60 Amp: TP (63 A)	-	-	Each	4740
5	Circuit breaker 100 Amp: TP (XS 100 NB)	-	-	Each	7935
6	Circuit breaker 200 Amp: TP (XS 225NB)	-	-	Each	18941
7	Circuit breaker 250 Amp: TP (XS 250 NJ)	-	-	Each	27341
8	Circuit breaker 300 Amp: TP (320A)	-	-	Each	51483
9	Circuit breaker 400 Amp: TP (XS 400 CJ) (630 A)	-	-	Each	63233
10	Circuit breaker 600 Amp: TP (XS 630 CJ)	-	-	Each	94983
11	Circuit breaker 800 Amp: TP (XS 800 CJ)	-	-	Each	151416

UNUARMoured Cables 3.5 core

PVC/PVC COPPER CONDUCTOR 660/1000 VOLTS

1	Cable 25mm2 Pvc/Pvc	P.Meter	3000	P.Rft	914
2	Cable 35mm2 Pvc/Pvc	P.Meter	3934	P.Rft	1199

S. No.	Description	Unit	Rate Rs.	Unit	Rate Rs.
3	Cable 50mm2 Pvc/Pvc	P.Meter	5413	P.Rft	1650
4	Cable 70mm2 Pvc/Pvc	P.Meter	7700	P.Rft	2347
5	Cable 95mm2 Pvc/Pvc	P.Meter	10627	P.Rft	3240
6	Cable 120mm2 Pvc/Pvc	P.Meter	13868	P.Rft	3843
7	Cable 150mm2 Pvc/Pvc	P.Meter	16229	P.Rft	4948
8	Cable 185mm2 Pvc/Pvc	P.Meter	10473	P.Rft	6288
9	Cable 240mm2 Pvc/Pvc	P.Meter	26783	P.Rft	8165

ARMOURED CABLES 3.5 core
COPPER CONDUCTOR 660/1000 VOLTS

1	Cable 25mm2 Pvc/Pvc	P.Meter	3520	P.Rft	1073
2	Cable 35mm2 Pvc/Pvc	P.Meter	4491	P.Rft	1369
3	Cable 50mm2 Pvc/Pvc	P.Meter	6018	P.Rft	1834
4	Cable 70mm2 Pvc/Pvc	P.Meter	8557	P.Rft	2609
5	Cable 95mm2 Pvc/Pvc	P.Meter	11598	P.Rft	3536
6	Cable 120mm2 Pvc/Pvc	P.Meter	14815	P.Rft	4517
7	Cable 150mm2 Pvc/Pvc	P.Meter	17563	P.Rft	5354
8	Cable 185mm2 Pvc/Pvc	P.Meter	22047	P.Rft	6722
9	Cable 240mm2 Pvc/Pvc	P.Meter	28369	P.Rft	8649

ARMOURED CABLES 4. Core
COPPER CONDUCTOR 660/1000 VOLTS

1	Cable 16mm2 Pvc/Pvc	P.Meter	2616.00	P.Rft	798
2	Cable 25mm2 Pvc/Pvc	P.Meter	3813.00	P.Rft	1,163
3	Cable 35mm2 Pvc/Pvc	P.Meter	5079.00	P.Rft	1,548
4	Cable 50mm2 Pvc/Pvc	P.Meter	6877.00	P.Rft	2,097
5	Cable 70mm2 Pvc/Pvc	P.Meter	9577.00	P.Rft	2,920
6	Cable 95mm2 Pvc/Pvc	P.Meter	10015.00	P.Rft	3,997
7	Cable 120mm2 Pvc/Pvc	P.Meter	16365.33	P.Rft	4,989
8	Cable 150mm2 Pvc/Pvc	P.Meter	19989.67	P.Rft	6,094
9	Cable 185mm2 Pvc/Pvc	P.Meter	24840.00	P.Rft	7,572
10	Cable 240mm2 Pvc/Pvc	P.Meter	32170.67	P.Rft	9,808

UNARMOURED CABLES 4. core
PVC/PVC COPPER CONDUCTOR 660/1000 VOLTS

1	Cable 16mm2 Pvc/Pvc	P.Meter	2134.67	P.Rft	919.66667
2	Cable 25mm2 Pvc/Pvc	P.Meter	3288.67	P.Rft	1002.3333
3	Cable 35mm2 Pvc/Pvc	P.Meter	4528.67	P.Rft	1538.6667
4	Cable 50mm2 Pvc/Pvc	P.Meter	6123.30	P.Rft	1864
5	Cable 70mm2 Pvc/Pvc	P.Meter	7874.33	P.Rft	2646
6	Cable 95mm2 Pvc/Pvc	P.Meter	12135.33	P.Rft	3698
7	Cable 120mm2 Pvc/Pvc	P.Meter	15290.00	P.Rft	4642.3333
8	Cable 150mm2 Pvc/Pvc	P.Meter	18727.33	P.Rft	5709.3333
9	Cable 185mm2 Pvc/Pvc	P.Meter	23464.00	P.Rft	7863.3333
10	Cable 240mm2 Pvc/Pvc	P.Meter	30642.33	P.Rft	9342

1	H.D.B. Copper wire 2.5mm2	P.Meter	98.7	P.Foot	30
2	H.D.B. Copper wire 4mm2	P.Meter	136	P.Foot	41
3	H.D.B. Copper wire 6mm2	P.Meter	201	P.Foot	61

S. No.	Description	Unit	Rate Rs.	Unit	Rate Rs.
4	H.D.B. Copper wire 10mm2	P.Meter	334	P.Foot	102
5	H.D.B. Copper wire 16mm2	P.Meter	516	P.Foot	157
6	H.D.B. Copper wire 25mm2	P.Meter	808	P.Foot	246
7	H.D.B. Copper wire 35mm2	P.Meter	1117	P.Foot	340
8	H.D.B. Copper wire 50mm2	P.Meter	1511	P.Foot	460
9	H.D.B. Copper wire 70mm2	P.Meter	2177	P.Foot	664
10	H.D.B. Copper wire 95mm2	P.Meter	3004	P.Foot	916
11	H.D.B. Copper wire 120mm2	P.Meter	3833	P.Foot	1168
12	H.D.B. Copper wire 150mm2	P.Meter	4783	P.Foot	1458
13	H.D.B. Copper wire 70mm2	P.Meter	2177	P.Foot	664
14	H.D.B. Copper wire 18.5mm2	P.Meter	5836	P.Foot	1779

PVC/PVC 3 CORE CABLE

S. No.	SIZE	UNIT	PRICE Rs.		
1	3 Core, 16 mm2	Per RFT	494		
2	3 Core, 25 mm2	Per RFT	758		
3	3 Core, 35 mm2	Per RFT	1041		
4	3 Core, 50 mm2	Per RFT	1402		
5	3 Core, 70 mm2	Per RFT	2006		
6	3 Core, 95 mm2	Per RFT	2779		
7	3 Core, 120 mm2	Per RFT	3484		
8	3 Core, 150 mm2	Per RFT	4288		
9	3 Core, 185 mm2	Per RFT	4278		
10	3 Core, 240 mm2	Per RFT	7011		

CHANGE OVER SWITCH

1	500 Volts, 15 Amps	-	-	Each	3145
2	500 Volts, 30 Amps	-	-	Each	11370

S. No.	Description	Unit	Rate Rs.	Unit	Rate Rs.
3	500 Volts, 60 Amps	-	-	Each	22825
4	500 Volts, 100 Amps	-	-	Each	28225
5	500 Volts, 200 Amps	-	-	Each	53950
6	500 Volts, 300 Amps	-	-	Each	46750
7	500 Volts, 400 Amps	-	-	Each	90275
8	500 Volts, 500 Amps	-	-	Each	.-
9	500 Volts, 600 Amps	-	-	Each	120800

REWINDING OF MOTOR

1	1 H.P	-	-	Each	4056
2	2 H.P	-	-	Each	8736
3	4 H.P	-	-	Each	12831
4	6 H.P	-	-	Each	20397
5	8 H.P	-	-	Each	30615
6	10 H.P	-	-	Each	28665
7	15 H.P	-	-	Each	
8	20 H.P	-	-	Each	
9	30 H.P	-	-	Each	
10	40 H.P	-	-	Each	
11	50 H.P	-	-	Each	
12	60 H.P	-	-	Each	
13	75 H.P	-	-	Each	
14	80 H.P	-	-	Each	
15	100 H.P	-	-	Each	
16	Cilling Fan 56			Each	2340

OVER LOAD RELAYS NATIONAL GREEN POWER (JAPAN)

1	1.5, 15A, 2.2A	FT – 20E	12 to 18 A	Each	3550
2	1.5, 15A, 2.2A	FT – 35E	18 to 28 A	Each	5210
			24 to 34 A		
3	2.2A	FT – 65E	24 to 40 A	Each	7612.5
			38 to 62 A		

S. No.	Description	Unit	Rate Rs.	Unit	Rate Rs.
4	2.2A. B, 2.5, 34, & 4A	FT – 65A	48 to 80 A 60 to 95 A	Each	7915
5	4, 4A, 5, 6	FT – 65A	60 to 95 A	Each	3720
6	4A, B, 5, 6	FT – 85	80 to 125 A	Each	17550
7	6. 7. 8A, & 11	FT – 190	80 to 130 A 105 to 165 A 130 to 200 A	Each	13235
8	11 & above	FT - 300	165 to 25 A 222 to 310 A	Each	31926.667

Contractors (NATIONAL GREEN POWER JAPAN)

Sr. No.	SIZE	MODEL	CAPACITY IEC/AC3 AT 380/440/V	CURREN T	OPERATI ONAL CURREN T AC3 AT 380/440/V
1	1.5A	FC-18N	11 KW/ 15HP	30 A	22 A
2	1.5A	FC-20N	11 KW/ 15HP	22 A	22 A
3	2A	FC-25N	15 KW/ 20HP	50 A	30 A
4	2A	FC-35N	18.5 KW/ 25HP	60 A	37 A
5	2.5	FC-50N	22 KW/ 30HP	80 A	48 A
6	3	FC-65N	30 KW/ 40HP	100 A	62.5 A
7	4	FC-65N	37 KW/ 50HP	110 A	75 A
8	4A	FC-80N	45 KW/ 60HP	135 A	85 A
9	6	FC-125N	60 KW/ 80HP	150 A	120 A
10	6A	FC-130N	75 KW/ 100HP	200 A	150 A
11	8	FC-160N	90 KW/ 125HP	250 A	180 A
12	8A	FC-190N	90 KW/ 125HP	250 A	180 A
13	11	OR PAK 220 FC-18N	160 KW/ 215HP	445 A	280 A

CURRENT TRANSFORMER (FICO, MADE IN PAKISTAN)

Sr. No.	RATING	SHAPE	UNIT	PRICE Rs.	REMAR KS
---------	--------	-------	------	--------------	-------------

S. No.	Description	Unit	Rate Rs.	Unit	Rate Rs.
1	30 / 5 A	(ROUND) RLC-30	Each	1871	
2	60 / 5 A	(ROUND) RLC-30	Each	1922	
3	100 / 5 A	(ROUND) RLC-30	Each	1922	
4	150 / 5 A	(ROUND) RLC-30	Each	2024	
5	200 / 5 A	(ROUND) RLC-30	Each	2075	
6	300 / 5 A	(ROUND) RLC-30	Each	2461	
7	400 / 5 A	(ROUND) RLC-50	Each	2563	
8	600 / 5 A	(ROUND) RLC-50	Each	3714	
9	800 / 5 A	(SQUARE /RECTANGULAR) RLC-65	Each	4219	
10	1000 / 5 A	(SQUARE /RECTANGULAR) RLC-65	Each	5058	
11	1200 / 5 A	(SQUARE /RECTANGULAR) RLC-65	Each	5362	
12	1600 / 5 A	(SQUARE /RECTANGULAR) RLC-80	Each	7452	
15	2000 / 5 A	(SQUARE /RECTANGULAR) RLC-125	Each	8090	
16	2500 / 5 A	(SQUARE /RECTANGULAR)	Each	6265	
17	3000 / 5 A	(SQUARE /RECTANGULAR) RLC-125	Each	12463	
18	4000 / 5 A	(SQUARE /RECTANGULAR) RLC-125	Each	14903	

AMMETERS, VOLTMETERS

Sr. No.	MODEL	DISCRIPTION	UNIT	PRICE Rs.
---------	-------	-------------	------	-----------

S. No.	Description	Unit	Rate Rs.	Unit	Rate Rs.
1	ST – 95	<u>Ammeters: Size</u> <u>96 x 96 MM</u> Direct: 15 A, 30 A, 50 A, 60 A & 100 A C.T OPERATED: 30/5A, 60/5A, 100/5A, 150/5A, 200/5A, 300/5A, 400/5A, 600/5A, 800/5A, 1000/5A, 1200/5A, 1600/5A, 2000/5A, 2500/5A, 3000/5A, 4000/5A,	Each	2422	
2			Each	2125	
3	ST – 96	<u>Voltmeter: Size</u> <u>96 x 96 MM</u> 500 V	Each	2617	