

MOST URGENT

TOP PRIORITY

TIME LIMIT



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NO. RO(TECH)FD 2-3/2022-1st Biannual
GOVERNMENT OF THE PUNJAB
FINANCE DEPARTMENT

Dated Lahore the 9th November, 2021

To

The Secretary
Government of the Punjab

- i) P&D Department, Lahore
- ii) C&W Department, Lahore
- iii) Irrigation Department, Lahore
- iv) HUD&PHE Department, Lahore
- v) LG&CD Department, Lahore
- vi) Energy Department, Lahore

Subject: - **MARKET RATES SYSTEM ON BI-ANNUAL BASIS**

I am directed to refer to Finance Department's Notification No. RO (Tech) FD 2-3/2004 dated 13.12.2011 and Notification No. RO (Tech) FD 2-3/2004 (vol-I) dated 13.06.2016 on the subject noted above.

2. In this regard, it is stated that accuracy of Market Rates System is absolutely dependent on accuracy of input rates. MRS for the **1st Bi-annual-2022** is due to take effect from **January 01, 2022**. For this purpose, list of all input items of material for MRS (both standard items & additional items) is available on web site of Finance Department as "**Material Performa 1-2022**". It is requested that fresh/ latest input rates of above said items for each district be provided to Finance Department till **6th December, 2021** positively.

3. I am further directed to convey that, if the rates are not received from your office, it will be presumed that the department does not want any change in previous Bi-annual items rates.

 09/11/2021

Technical Advisor

CC

- i) Chief of Engineering Design, Infrastructure Development Authority of the Punjab, 50-B-3, Gulberg-III, Lahore.
- ii) Chief Engineer (Construction Management) ECSP (Pvt.) Ltd, 83-A, E/I, Main Boulevard, Gulberg-III, Lahore.
- iii) Specialist Infrastructure, Urban Sector Planning and Management Services Unit (Pvt.) Ltd, 503-Shaheen Complex, Edgerton Road, Lahore.
- iv) PS to Finance Secretary.
- v) PA to AFS (ES).

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
01.001	Cotton waste	Per Kg	
01.002	Grease	Per Kg	
01.003	H.S. Diesel oil	Per Ltr.	
01.004	Kerosine oil (Ref # 13.022)	Per Ltr.	
01.005	Mobil oil	Per Ltr.	
01.006	Average diesel consumption of a truck	miles/gallon	
01.007	Average mobile oil consumption of a truck	miles/gallon	
03.001	Gun powder and fuse for blasting (1 pound and 1 fuse)	Each	
03.002	Jhambas	Each	
03.003	Charakharies complete	Each	
03.004	Manila Rope 1"	Rft	
03.005	Cost of repair and replacement of 4 Nos. picks axes and 8 Nos. Belchas	Per Day	
03.006	Palana with namda for one donkey	Each	
03.007	Repair and replacement of sacks	Each	
03.008	Tent	Each	
03.009	Donkey hut	Each	
03.010	Royalty for pit sand	% Cft	
03.011	Nail bolts and nuts	Kg.	
03.012	Aatta	P.Kg.	
03.013	Phak	per Md	
03.014	Grams	per Md	
06.001	Brick Ballast 1½" (at site)	100 Cft	
06.002	Brick Ballast 1" to 1½" (at site)	100 Cft	
06.003	Stone Ballast 1" to 1½" (at source)	100 Cft	
06.004	Brick Bats	100 Cft	
06.005	Coarse sand (Chenab) (at site)	100 Cft	
06.006	Harrow / Coarse Sand (at site)	100 Cft	
06.007	Sand (Local) (at site)	100 Cft	
06.008	Cement (OPC)	Per Bag	
06.009	Cement (White)	Per Bag	
06.010	Shingle (Naturally Graded) at site (Bajri)	100 Cft	
06.011	Aggregate / Stone Crushed 3/8" to 1" (Graded) Quarry Site (Ref # 18.001)	100 Cft	
06.012	M.S. Bars (Plain) ½" and above (36000 PSI)	M. Ton	
06.013	M.S. Bars (Deformed) (40 grade) Local Billet	M. Ton	
06.014	M.S. bars (Deformed) (60 grade) Billet from Pakistan Steel Mills Karachi	M. Ton	
06.015	Cost of casing pipe of 18" dia	Per Rft	
06.016	Cost of casing pipe of 20" dia	Per Rft	
06.017	Cost of casing pipe of 22" dia	Per Rft	
06.018	Cost of casing pipe of 24" dia	Per Rft	
06.019	Nail and Screw (Copper)	Per. Kg.	
06.020	Brush (Large)	Each	
06.021	Brush (Small)	Each	
06.022	Binding wire	Kg	
06.023	Special Clamps with bolts and nuts	Each	
06.024	Welding electrode	P.Bundle	
06.025	Prestressing Cable having 12 Nos. wire	P.Ton	
06.026	Anchorage cone	per set	
06.027	Corrugated sheath of 1-9/16" for 12/0.276" (7mm) cable	per metre	
06.028	Making good recesses	Each end	
06.029	Steel rope 1" Ø	Rft	
06.030	U Clamp i/c 5/8" bolts & nuts	each	
06.031	Steel rope ¾" dia	Rft	
06.032	Railway track including sleepers bolts & nuts complete	Rft	
06.033	Crow bar (10 Kg)	Each	
06.034	Aluminum powder	per kg	
06.035	Aluminum sheet 1/16" to 1/8" (1.6 to 3 mm) thick	per kg	
06.036	Helical core (compressed for 10 tons)	per metre	
06.037	G.I. Sheet special "V shaped "	each	
06.038	Mastic strip	P.Rft	
06.039	Copper flashing 1/16" thick	P.Sft	
06.040	Rubber water stopper 10" wide and 1/4" thick	P.Rft	
06.041	Bitumen (Bulk) (80/100) AT SITE (NRL / PARCO)	P.Kg	
06.042	Sawdust	P.Cft	
06.043	Wood for heating	P.Kg.	
06.044	Thermopore sheet 1½" (40 mm) thick density 15 kb/m ³	m ²	
06.045	Thermopore sheet 1" (25 mm) thick density 15 kb/m ³	m ²	
06.046	Polythene @ 1.13 kg % Sft	P.Kg.	
06.047	Broken glass	% kg	
07.001	1st Class Bricks 9" x 4½" x 3" (225 x 112.5 x 75 mm)	% Nos.	
07.002	Fire Clay Bricks 225 x 112.5 x 75 mm	Each	
07.003	Good earth/clay	100 Cft	
07.004	Fire resistant cement	0 Kg per bag	
07.005	Moulded Special bricks (9" x 4½" x 3")	% Nos.	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
07.006	Sun dried bricks	%o Nos.	
07.007	Lime (Slaked)	Kg	
07.008	Lime (Unslaked)	Kg	
07.009	Brick grinded and sand	Cft	
07.010	Hoop Iron	Per Kg.	
08.001	Quarried Stone at quarry (To be used in stone masonry)	100 Cft	
08.002	Headers or through stone (1.5" x 8" x 10")	Each	
08.003	Pitching stone at quarry	% Cft	
08.004	Charcoal	Per Kg	
08.005	Wood preservative (As per approved manufacturer)	Per Ltr.	
08.006	Steel	Per Kg.	
08.007	Hand dressed stone average (2 Cft)	Each	
08.008	Hand dressed stone average (4 Cft.)	Each	
09.001	Brick tiles 300 x 150 x 50 mm (12"x6"x2")	%o Nos.	
09.002	Brick tiles 300 x 150 x 40 mm 12"x6"x1 1/2")	%o Nos.	
09.003	Brick tiles 300 x 150 x 32 mm (12"x6"x1 1/4")	%o Nos.	
09.004	Brick tiles 225 x 112.5 x 50 mm (9"x4 1/2"x2")	%o Nos.	
09.005	Brick Tiles 225 x 112.5 x 40 mm (9"x4-1/2"x1 1/2")	%o Nos.	
09.006	G.I. Plain Sheet 18 - 20 SWG	Per kg	
09.007	G.I. Plain Sheet 22 - 24 SWG	Per kg	
09.008	G.I. Corrugated sheet 18 - SWG	Per Kg	
09.009	G.I. Corrugated sheet 22 - 24 SWG	Per Kg	
09.010	G.I. Corrugated sheet 20 SWG	Per Kg	
09.011	G.I. Hook, Nuts and Bolts	Per Dozen	
09.012	G.I. Washers	Per Kg	
09.013	Washers Limpet	Per Dozen	
09.014	Bhoosa	Kg	
09.015	Pig lead	Kg	
09.016	Cowdung (wet)	% Kg	
09.017	A.C. T-bend 100 mm	Each	
09.018	A.C. Shoe 100 mm	Each	
09.019	A.C. Ridge Sheet (6mm)	Rft	
09.020	Fuel wood	Per Kg.	
09.021	Wire Nails	Per Kg.	
09.022	Wind tie (rod)	P Kg.	
09.023	Bitumen washers	Per Dozen	
09.024	Brick Aggregate	P. Cft	
09.025	Lead flashing 1/16" thick	P. Sft	
09.026	C.I. Heads 4" Ø	Each	
09.027	Clamps with hold fasts etc. (For Rain Water Pipe)	Each	
09.028	C.I. water down pipe 4" (100mm) dia	P. Rft	
09.029	C.I. water down pipe down 3" (75mm) dia	P. Rft.	
09.030	C.I. shoes bend or offsets 4" Ø	Each	
09.031	Corrugated A.C. sheets	P.Sft	
09.032	G.I. or limpet washers and bitumastic washers	Per Dozen	
09.033	Wrought iron bracket complete with bolts, Nuts and rivets etc.	Each	
09.034	Polythene 0.03" (0.08 mm)	Pr. Kg.	
09.035	Thermopore 1/2" (12mm) thick	Per Sft.	
09.036	Thermopore 3/4" (19mm) thick	Per Sft.	
09.037	Thermopore 1" (25mm) thick	Per Sft.	
09.038	A.C. pipe 4" (100mm) dia	P.Rft	
09.039	U.I. Clips	Kg.	
09.040	Screws 3" & 2"	Kg.	
10.001	Murum powder fine.	% Cft	
10.002	Cement concrete tiles 200 x 200 x 20 mm (8" x 8" x 3/4")	Each	
10.003	Cement Concrete tiles 300 x 300 x 25 mm (12" x 12" x 1")	Each	
10.004	Cement Concrete tiles 225 x 225 x 20 mm (9" x 9" x 3/4")	Each	
10.005	Cement concrete tiles 150 x 150 x 20 mm (6" x 6" x 3/4")	Each	
10.006	White Tile (Glazed) 6"x6"x1/4"	Each	
10.007	Coloured Glazed tiles 150 x 150 x 6 mm (6" x 6" x 1/4")	Each	
10.008	Coloured Glazed tiles 300 x 300 x 6 mm (12" x 12" x 1/4")	Each	
10.009	Mosaic marble chips tiles 300 x 300 x 25 mm (12" x 12" x 1") Grey Cement	Each	
10.010	Rubber tiles 300 x 300 x 3 mm (12" x 12" x 1/8")	Each	
10.011	White glazed tiles 300 x 300 x 6mm (12" x 12" x 1/4")	Each	
10.012	Dressed Stone 2'x2'x2"	Each	
10.013	Dressed Stone 2'x2'x3"	Each	
10.014	Carborandum Stone	Each	
10.015	Pigment for Cement/Concrete	Per Kg	
10.016	Marble Chips	Per Kg	
10.017	Marble Powder	100 Kg	
10.018	Neoprene strip 100 x 6 mm	P. Foot	
10.019	Wax Polish	3 Kg.	
10.020	Tartaric Acid	Per Kg	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
10.021	Hessian Cloth	Per Mtr.	
10.022	Linen Cloth	P. Kg.	
10.023	Asphalt (packed) 80/100 (AT SITE)(NRL/PARCO)	P. Kg.	
10.024	Sand Paper/Water Proof	Per Doz.	
10.025	Brass Screws 50 mm long	Per Doz.	
10.026	Glass stip 3 mm thick 40 mm wide	% Rft	
10.027	Glass Strips 4 mm thick 40 mm wide	% Rft	
10.028	Glass Strips 5 mm thick 50 mm wide	% Rft	
10.029	Marble strips 6 mm thick 40 mm wide	Rft	
10.030	Marble strips 10 mm thick 40 mm wide	Rft	
10.031	Sutli	Per Kg	
10.032	Steam coal	Kg	
10.033	9" thick rubble or broken hard bricks	%Cft.	
10.034	Hard Marrum	%Cft.	
10.035	Floor Polish	P. Kg.	
10.036	Adhesive Mixture dry	Per Kg.	
10.037	Surkhi	P. % Cft.	
10.038	Fine crushed Aggregate for two coat work	% Cft.	
10.039	Primer	P.Kg.	
11.001	Chopped Jute	Per Kg	
11.002	Distemper (Vinyle Emulsion)	Per Gallon	
11.003	Distemper Plastic bound (Plastic Emulsion)	Per Gallon	
11.004	Distemper Water bound (Cottage Mate)	Per Gallon	
11.005	Rice	Per Kg	
11.006	Pigment for colour wash	Per Kg	
11.007	Primer / red oxide pigment	Per Gln.	
11.008	Chopped Straw	P.Kg	
11.009	Expended metal edge bead 5" wide	P. Rft	
12.001	Chir 1st Class	CFT	
12.002	Deodar Wood 1st Class (Best Quality)	CFT	
12.003	Deodar Wood 2nd Class	CFT	
12.004	Fire Wood	Kg	
12.005	Kail Wood 1st Class	CFT	
12.006	Shisham wood 1st Class	CFT	
12.007	Teak wood (Burma)	CFT	
12.008	Partal wood	CFT	
12.009	Kikar wood	CFT	
12.010	Sheets Aluminum 8 - SWG - 24 SWG (local)	Per Kg	
12.011	Sheets Aluminum 1/2" thick and above (local)	Per Kg	
12.012	Copper sheet 0.80 mm to 2.50 mm	Per Kg	
12.013	Copper sheet 3.00 mm to 6.00 mm	Per Kg	
12.014	Formica sheet (8' x 4')	Per sheet	
12.015	Plain Galvanized iron sheet	Per Kg	
12.016	Corrugated Galvanized iron sheet	Per Kg	
12.017	Commercial ply 6 mm thick	P. Sft	
12.018	Commercial ply 3 mm thick	P. Sft	
12.019	Shisham wood ply (6 mm thick)	P. Sft	
12.020	Teak wood ply (6 mm thick)	P. Sft	
12.021	Thermopore sheet 1/2" (12 mm) thick 20 kg/m ³ (39" x 39")	P. sheet	
12.022	Thermopore sheet 3/4" (20 mm) thick 20 kg/m ³ (39" x 39")	P. sheet	
12.023	Thermopore sheet 1" (25 mm) thick 20 kg/m ³ (39" x 39")	P. sheet	
12.024	Masonite sheet 5 mm thick for partitions	P. Sft	
12.025	Masonite Sheet for ceiling	P.Sft	
12.026	Bacolite sheet (2.50 mm) thick (size 4' x 4')	4'x4' size	
12.027	Bacolite sheet (3.75 mm) thick (size 4' x 4')	4'x4' size	
12.028	Bacolite sheet (4.00 mm) thick (size 4' x 4')	4'x4' size	
12.029	Rubber sheet 5 mm (size 4' x 6')	4'x4' size	
12.030	Zinc Plate 525 x 11 mm	Kg	
12.031	Spike	Per Kg	
12.032	Glass pan 3 mm thick 16 x to 18 oz	SFT	
12.033	Glass pan 3 mm thick 24 x to 26 oz	SFT	
12.034	Glass plate 1/4" (6 mm) thick upto 8 SFT	SFT	
12.035	Glass plate 1/4" (6 mm) thick not exceeding 24 SFT	SFT	
12.036	Glass Plate 6 mm thick	SFT	
12.037	Glass Plate 8 mm	SFT	
12.038	Glass Plate 1/2" (12 mm) thick	PSFT	
12.039	Glue(Bottle) Best Quality	Per Kg	
12.040	Machine Screws 38.10 x 7.35 mm	Per Doz.	
12.041	Iron strips 1 1/2" x 1/8"	Kg	
12.042	Brass finger plate	Each	
12.043	Brass hinges 50 mm	Each	
12.044	Brass hinges 63 mm	Each	
12.045	Brass hinges 75 mm	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
12.046	Brass hinges 100 mm	Each	
12.047	Brass hinges 125 mm	Each	
12.048	Brass tower bolts 300 mm	Each	
12.049	Brass tower bolts 225 mm	Each	
12.050	Brass tower bolts 200 mm	Each	
12.051	Brass tower bolts 150 mm	Each	
12.052	Steel nut and bolts (all sizes)	Per Kg	
12.053	Iron hold fast (for doors/windows)	Each	
12.054	Iron handle 100 mm 4"	Each	
12.055	Iron handle 150 mm (6")	Each	
12.056	Iron handle 200 mm (8")	Each	
12.057	Brass handle 100 mm	Each	
12.058	Brass handle 150 mm	Each	
12.059	C.P. handles 4" (2nd Quality)	Rft	
12.060	C.P. handles 4"	Each	
12.061	C.P Handle 6"	Each	
12.062	C.P. handles 6" (Best Quality)	Each	
12.063	Handle	Each	
12.064	Iron sliding bolt 200 mm (8") with screws	Each	
12.065	Iron sliding bolt 250 mm (10") with screws	Each	
12.066	Iron sliding bolt 300 mm (12") with screws	Each	
12.067	Racal plugs 1½" (40mm) long	Each	
12.068	Racal Plug (small)	Each	
12.069	Push plate (Stainless)	Each	
12.070	Kikai plate (Aluminum) 4" wide 22 gauge 12" long	Each	
12.071	Rim lock (China)	Each	
12.072	Mortise lock (Local)	Each	
12.073	Sliding bolts Brass 300 mm (12")	Each	
12.074	Hinges (Iron) 50 mm	Each	
12.075	Hinges (Iron) 75 mm	Each	
12.076	Hinges (Iron) 100 mm	Each	
12.077	Hinges (Iron) 125 mm	Each	
12.078	Double action spring Hinges (Brass) Medium 4" - 5" (100 to 125 mm)	Per pair	
12.079	Double action spring Hinges (Iron) 4"-5" (100 to 125 mm)	Each set	
12.080	Brass screw 20 mm	Doz.	
12.081	Brass screw 25 mm	Doz.	
12.082	Brass screw 40 mm	Doz.	
12.083	Door Stops 150 mm	Each	
12.084	Door stopper 150 mm (wooden)	Each	
12.085	Foot hinges 1"	Each	
12.086	Tee hinges 250 mm	Each	
12.087	Tee hinges 150 mm	Each	
12.088	Tee hinges 200 mm	Each	
12.089	Butt Hinges (125mm)	Each	
12.090	Butt Hinges (150mm)	Each	
12.091	Hasp & staples (medium size)	Each	
12.092	Iron tower bolt 100 mm long	Per Doz.	
12.093	Iron tower bolt 150 mm long	Per Doz.	
12.094	Iron tower bolt 225mm long	Per Doz.	
12.095	Iron tower bolt 250 mm long	Per Doz.	
12.096	Iron tower bolt 300 mm long	Per Doz.	
12.097	Hold fast with pivot & clamp 4"	Each	
12.098	Hold fast with pivot & clamp 6"	Each	
12.099	Hold fast with pivot & clamp 8"	Each	
12.100	spring hinges (doors/windows)	Each	
12.101	Wrought Iron Hold Fast (small)	Each	
12.102	Wrought Iron Hold Fast (Large)	Each	
12.103	Deodar wooden beading (1" x ¾")	Rft	
12.104	Deodar wooden lipping 6 mm	Rft	
12.105	Deodar wooden lipping 3/8	Rft	
12.106	Chord with hook (¾" x ½")	Each	
12.107	Wooden cleat for door	Each	
12.108	G.I. hook with clamp (doors/windows)	Each	
12.109	Khunda - Chapka (For Almirah)	Each	
12.110	Rubber Pad Stopper	Each	
12.111	Wire Gauze (12x12)	Sft.	
12.112	Wooden Plug for door	Each	
12.113	Expended Metal (12mm to 20mm mesh of 16 gauge)	Sft.	
12.114	Hinges 10" (250mm)	Each	
12.115	Hinges chocks 4" (100mm) (for battened doors)	Each	
12.116	Hasp and staple	Each	
12.117	Hold fast with pivots & clamp for framed and braced doors	Each	
12.118	Sliding bolts 18" (450mm) long	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
12.119	M.S. Angle Iron 1½"x1½"x¼" (40x40x6mm)	P.Kg.	
12.120	M.S. Flat 6"x¼"x1/8" (150x6x3mm)	P.Kg.	
12.121	Hinges Chocks 3" (75mm)	Each	
12.122	Screws upto 1" long	Per Doz.	
12.123	Screws above 1" long	Per Doz.	
12.124	Nails of sorts	Pr. Kg.	
12.125	Brass spring hinges Complete with Screws	Each	
12.126	Brass sliding bolt 10" (250mm) long 'complete with screws & nuts.	Each	
12.127	1" (25mm) thick solid flush shutter	P.Sft.	
12.128	Solid flush door 1½" thick (<i>Approved Factory Manufactured</i>) with commercial ply 5mm thick	P.Sft.	
12.129	C.P. dasti i/c screws	P.Sft.	
12.130	Hard Board	P.Sft.	
12.131	Brass butt hinges 2" (50mm)	Each	
12.132	Brass butt hinges 6" (150mm)	Each	
12.133	Sawing Charges	P.Sft.	
12.134	Tie rod welding and fixing arrangement	Each	
12.135	Vin board ¾" thick	P.Sft.	
12.136	Vin board ½" thick	P.Sft.	
12.137	Chip Board ¾" (20mm) 700 density	P.Sft	
12.138	Chip Board ½" (12mm) 700 density	P.Sft	
12.139	Full hinges ¾" (20mm) wide (<i>Imported</i>)	Rft	
12.140	Catcher	Each	
12.141	lock China	Each	
12.142	C.P. Hanger rod with 2 hooks	Each	
12.143	Hanger hook including pull out rod	Each	
12.144	Brass hooks	Each	
12.145	Door rubber stopper	Each	
12.146	G.I. Hook	Each	
12.147	Hooks for Punkha Pole	Per Dozen	
12.148	Nails	P.Kg.	
12.149	Washers	Each	
12.150	Hard Wood Gutter	Each	
12.151	M.S clamp	Each	
12.152	M.S hook	Each	
12.153	Sand Paper	Each	
12.154	Tower bolt C.P.	Each	
12.155	C.P. finger plate with screws	Each	
12.156	M.S. sheets (Plain) 20 SWG	Kg	
12.157	M.S. Sheet 18 SWG	Sft	
12.158	M.S. Sheet 22 SWG	Sft	
12.159	Curtain Railing	Rft.	
12.160	Electrod	Pkt	
12.161	Gola (Wood)	P. Ft.	
13.001	Black Japan paint	Gln.	
13.002	Chalk powder	Per Kg	
13.003	Dana Lakh	Per Kg	
13.004	Plastic Emulsion paint	Per Gallon	
13.005	Paint Synthetic Enamel	Per Gallon	
13.006	French Polish	Per Kg	
13.007	Gum and Gun rasin	Per Gallon	
13.008	Linseed oil	Per Kg	
13.009	Road marking enamel	Per Ltr.	
13.010	Solignum paint (<i>Imported</i>)	Per Gallon	
13.011	Spirit	Per Ltr.	
13.012	Varnish	Kg	
13.013	White Enamel paint	Per Gln.	
13.014	Caustic Soda	Kg	
13.015	Painting Brushes (average rate)	Each	
13.016	Mineral Pitch	Kg	
13.017	Primer Paint	P.Gln	
13.018	Reflective Paint / C.R Paint	Litre	
13.019	Reflective Tape / Paper	P. Sft.	
13.020	Creosote	P. Gln	
13.021	Steel Scrapper	Each	
13.022	Kerosine Oil (<i>Ref # 01.004</i>)	Per Ltr.	
13.023	Terpentine oil	Per Ltr.	
13.024	Water Proofing Emulsion Paint	P.Kg.	
16.001	Jute bag (Empty) (1.25 Cft.)	Each	
16.002	New jute bag (4 to 5 Cft.)	Each	
16.003	Pitching Stone (Quarry site) <i>Ref.08.003</i>	% Cft	
16.004	Munj patha ban	Per Kg	
16.005	G.I Wire No.15	Per Kg	
16.006	Bamboo (60 - 120 mm dia) 2.5 meter to 3.0 metre long	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
16.007	Bamboo (60 - 120 mm dia) 3.0 meter to 3.75 metre long	Each	
16.008	Bamboo (60 - 120 mm dia) 3.75 meter to 4.25 metre long	Each	
16.009	Bamboo (60 - 120 mm dia) 4.25 meter to 4.90 metre long	Each	
16.010	Bamboo (60 - 120 mm dia) 4.90 meter to 6.25 metre long	Each	
16.011	G.I Wire No. 8 to 10	Per Kg	
16.012	Sutli	P.Kg	
16.013	wooden vertical stakes 7" to 12" dia for groynes	P. % Nos.	
16.014	Royalty charges of wooden stakes	Each	
16.015	Shingle / spawl	P.% Cft	
16.016	Boulder at Source	P.% Cft	
16.017	Supply pilchi lead within one mile	P.% Cft	
16.018	Pilchi Roll 6" dia 5' long	P.% Cft	
16.02	Bajri / shingle (Ref # 18.001)	P.% Cft	
16.020	Royalty kikar brush wood	P.% Mds	
16.021	Kikar wood for pegs	P. Cft	
18.001	Coarse aggregate (bajri)(Quarry site)	100 Cft	
18.002	Graded stone for Base Course (Quarry site)	100 Cft	
18.003	Aggregate For Sub Base Course (Quarry site)	100 Cft	
18.004	Pit-run/Bedrun gravel (Quarry site)	100 Cft	
18.005	Stone screened / Stone Dust at site for Base Course only	100 Cft	
18.006	Stone Dust (quarry / plant site)	100 Cft	
18.007	Steel bars (including binding wire)	Per Kg.	
18.008	Iron post	Per Kg	
18.009	Elbow 2"	Each	
18.010	Tee 2" x 2" x 2"	Each	
18.011	Steel bearing (standard quality)	Each	
18.012	Rubber bearing pad 1" x 1" x 1" (2.5x2.5x2.5 cm)	P.Cub	
18.013	A.C pipe 3" i/d	per metre	
18.014	T.Iron and M.S Plate	P. Kg.	
18.015	Lettering 4" height	Each	
18.016	Lettering 3" height	Each	
19.001	Cast iron head 4"	Per Kg	
19.002	Cast iron shoe 4"	Per Kg	
19.003	Cast iron bend 4"	Per Kg	
19.004	Cast iron off set 4"	Per Kg	
19.005	G.I spout 4" 460 mm long	Each	
19.006	AC - bend 4" (100 mm)	Each	
19.007	AC Shoe 4" (100 mm)	Each	
19.008	AC Tee (100 mm)	Each	
19.009	Angle Iron Bracket Set for W.H.B & Cistern	Each	
19.010	Angle Iron Bracket Set for Sink	Each	
19.011	Waste pipe 3 cm (1¼") (PVC) flexible	Each	
19.012	Waste pipe 4 cm (1½") (PVC) flexible	Each	
19.013	C.P. waste coupling 3 cm (1¼")	Each	
19.014	C.P. waste coupling 4 cm (1½")	Each	
19.015	Rubber plug with chain 3 cm (1¼")	Each	
19.016	Rubber plug with chain 4 cm (1½")	Each	
19.017	PVC Flushing bend 3 cm (1¼")	Each	
19.018	PVC Flushing bend 4 cm (1½")	Each	
19.019	Plastic rubber connection with check nut	Each	
19.020	Copper connection with check nut:	Each	
19.021	C.P. Shower rose 1.5 x 10 cm (½" x 4") Master	Each	
19.022	C.P. Shower rose 2.0 x 15 cm (¾" x 6")	Each	
19.023	C.I brackets for high level flushing cistern	Per Pair	
19.024	C.I. Bracket for Wash hand basin/bolt kit	Each	
19.025	White Glazed earthen ware low down cistern 13.63 ltr. (3/Gln) ICL Brand Freegate	Each	
19.026	Coloured Glazed earthen ware low down cistern 13.63 ltr. (3/Gln) ICL Brand	Each	
19.027	White Glazed cast iron low down cistern 13.63 ltr. (3/Gln)	Each	
19.028	RCC Pipe 4" dia	Rft.	
19.029	Plastic made low down flushing cistern 13.63 litre (3 gallons)(Golden Brand)	Each	
19.030	Pedestal for W.H.B, ICL Brand Freegate	Each	
19.031	Bolt and Nuts for W.C. (European Type)	Each	
19.032	A.C soil pipe 6cm (2" dia)	Metre	
19.033	A.C soil pipe 7.5cm (3" dia)	Metre	
19.034	A.C soil pipe 10cm (4" dia)	Metre	
19.035	A.C soil pipe 15cm (6" dia)	Metre	
19.036	C.I. Soil Down 50 mm (2") dia	Metre	
19.037	C.I Soil Down 100 mm (4") dia (30 PSI)	Metre	
19.038	Yarn	per lbs	
19.039	Chromium plated T-stop cock 1.5 c.m (½") (Master / Sonex Brand)	Each	
19.040	Brass gas cock 1.5 c.m (½")	Each	
19.041	Brass gas cock 2.0 c.m (¾")	Each	
19.042	Brass bib cock ½" (1.5 cm) (Anwar brand)	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
19.043	Brass bib cock ¾" (2 cm) / brass stop cock, (Anwar Brand)	Each	
19.044	Glazed Earthenware sink 60 x 45 cm (24" x 18") , (Master Brand)	Each	
19.045	Glazed Earthenware sink 37.5 x 45 cm (15" x 18")	Each	
19.046	Stainless steel sink with drain board 120 x 60 cm (48 x 24 in) , (Atlas Brand)	Each	
19.047	Terazzo concrete sink 60 x 45 cm (24" x 18") With drain board	Each	
19.048	Brass ball float valves 15 mm (½") dia	Each	
19.049	Brass ball float valves 20 mm (¾") dia	Each	
19.050	Brass ball float valves 25 mm (1") dia	Each	
19.051	Brass ball float valves 30 mm (1¼") dia	Each	
19.052	Brass ball float valves 40 mm (1½") dia	Each	
19.053	Brass ball float valves 50 mm (2") dia	Each	
19.054	C.P. Mixing Valves ½" dia (Mixer),Master, Medium neck	Each	
19.055	Glass Shelf 60 x 13 cm (24" x 5")	Each	
19.056	Chromium plated bracket and railing for glass shelf	Each	
19.057	Glazed earthen ware shelf 60 x 13 cm (24" x 5") with chromium plated bracket and railing (Coloured)	Each	
19.058	Glazed earthen ware shelf 60 x 13 cm (24" x 5") withchromium plated bracket and railing (White)	Each	
19.059	Soap dish chromium plated	Each	
19.060	Soap dish glazed earthen ware white colour	Each	
19.061	Soap dish plastic	Each	
19.062	Toilet Paper Holder (Chromium plated)	Each	
19.063	Toilet Paper Holder (Plastic),Venus/Choice	Each	
19.064	Towel Rail With Brackets (Chromium plated) 60 x 2 cm (24" x ¾")	Each	
19.065	Towel Rail With Brackets (Chromium plated) 50 x 1.5 cm (20" x ½")	Each	
19.066	Towel Rail With Brackets (Plastic)	Each	
19.067	C.I floor trap including grating size 10 x 5 cm (4" x 2")	Each	
19.068	Chromium plated bottle trap 3 cm (1¼") (with waste pipe), (Master Brand)	Each	
19.069	Chromium plated bottle trap 4 cm (1½") (with waste pipe)	Each	
19.070	Cast iron P-trap 10 cm (4")	Each	
19.071	Concrete gully trap 4"	Each	
19.072	Glazed P- trap 10 cm (4" dia)	Each	
19.073	PVC grating 15 x 15 cm (6" x 6")	Each	
19.074	White Glazed earthenware Wash Hand Basins (22" x 16") (56 cm x 40 cm) with pedestal (ICL Freegate Brand)	Each	
19.075	White Wash Hand Basin (22" x 16") (56 cm x 40 cm) without pedestal (ICL Brand)	Each	
19.076	Coloured wash hand basin with pedestal (22" x 16") (56 cm x 40 cm)(ICL Brand)	Each	
19.077	Coloured wash hand basin without pedestal (22" x 16") (56 cm x 40 cm)(ICL Brand)	Each	
19.078	European type water closet without seat and cover (coloured)(ICL Brand)	Each	
19.079	European type water closet without seat and cover (white)(ICL Brand)	Each	
19.080	Double seat and cover Bekelite (ICL Brand)	Each	
19.081	Double seat and cover Plastic (ICL Brand)	Each	
19.082	White Glazed earthenware squater (Orisa pattern) WC combined with footrest,(ICL Brand)	Each	
19.083	Coloured {Glazed earthenware squater (Orisa pattern) WC combined with footrest(ICL Brand)	Each	
19.084	Terazzo concrete water closet squater type	Each	
19.085	Glazed earthen ware W.C squater type (Orisa pattern) (ICL 4006 Brand)	Each	
19.086	Urinal Glazed earthenware flat back(ICL Brand)	Each	
19.087	Pillar cock chromium plated heavy duty 2 cm (¾")	Each	
19.088	Pillar cock chromium plated heavy duty 1.5 cm (½")(Master Brand Hifh neck)	Each	
19.089	Stop cock under ground 15 mm (½") with C.P cover	Each	
19.090	Stop cock chromium plated heavy duty 2 cm (¾")(Anwar Brand)	Each	
19.091	Stop cock chromium plated heavy duty 1.5 cm (½")	Each	
19.092	Swan neck cock single way chromium plated 1.5 cm (½")	Each	
19.093	Swan neck cock double way chromium plated 1.5 cm (½")	Each	
19.094	Swan neck cock three way chromium plated 1.5 cm (½")	Each	
19.095	Gas cock chromium plated oxidised (¼") single way	Each	
19.096	Gas cock chromium plated oxidised (¼") double way	Each	
19.097	Gas cock chromium plated oxidised (¼") three way	Each	
19.098	Looking glass 5 mm thick 55 x 40 cm (22" x 16")	Each	
19.099	Hanger hook with pullout rod	Each	
19.100	Gun metal peat/gate valve (screwed) 15 mm (½") dia (Anwar Brand)	Each	
19.101	Gun metal peat/gate valve (screwed) 20 mm (¾") dia(Anwar Brand)	Each	
19.102	Gun metal peat/gate valve (screwed) 25 mm (1") dia(Anwar Brand)	Each	
19.103	Gun metal peat/gate valve (screwed) 30 mm (1¼") dia(Anwar Brand)	Each	
19.104	Gun metal peat/gate valve (screwed) 40 mm (1½") dia(Anwar Brand)	Each	
19.105	Gun metal peat/gate valve (screwed) 50 mm (2") dia(Anwar Brand)	Each	
19.106	Gun metal peat/gate valve (screwed) 65 mm (2½") dia(Anwar Brand)	Each	
19.107	Gun metal peat/gate valve (screwed) 80 mm (3") dia(Anwar Brand)	Each	
19.108	Foot rest for squatter type W.C.	Each	
19.109	Waste coupling with bracket and waste pipe	Each	
19.110	Screw (75 mm) 3" long	Each	
19.111	C.I. High level flushing cistern 13.63 litre or 3 gallon capacity including accessories	Each	
19.112	C.I. High level flushing cistern I/C all accessories (1 gallon capacity)	Each	
19.113	Soap dish coloured (glazed earthen ware) (Master Brand)	Each	
19.114	Plastic shelf with railing	Each	
19.115	Bracket	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
19.116	2 cm (¾") bib cock CP (Master Brand)	Each	
19.117	1.5 cm (½") bib cockCP (Master Brand)	Each	
19.118	Union brass cock ½" (1.5 cm)	Each	
19.119	Union brass cock ¾" (2 cm)	Each	
19.120	C.I floor trap including grating size 10 x 7.5 cm (4" x 3")	Each	
19.121	Manhole cover 30 cm (12" dia)	Each	
19.122	C.I. manhole cover with frame 45 cm (18" dia)	Each	
19.123	C.I. manhole cover with frame 60 cm (24" dia)	Each	
19.124	C.P Bottle trap with waste pipe 3cm (1 ¼" dia)	Each	
19.125	C.P Bottle trap with waste pipe 4cm (1 ½" dia)	Each	
19.126	Nail with Cutter for angle iron brackets	Each	
19.127	Copper connection with accessories ½" dia	Each	
19.128	1.5 cm (½" dia) brass ball valve with accessories	Each	
21.001	C.I. gully grating 12" x 12" with hinged safety type	P.Kg	
21.002	Concrete gully trap 12" x 12"	Each	
21.003	China ware trap with C.I screen	Each	
21.004	Iron Bolt 12"	Each	
21.005	C.I Ventilating Shaft tool 6" to 12" I/d 18' to 36' long	P.Kg	
21.006	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 300 mm (12") i/d	Per Ft.	
21.007	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 375 mm (15") i/d	Per Ft.	
21.008	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 450 mm (18") i/d	Per Ft.	
21.009	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 525 mm (21") i/d	Per Ft.	
21.010	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 600 mm (24") i/d	Per Ft.	
21.011	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 675 mm (27") i/d	Per Ft.	
21.012	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 750 mm (30") i/d	Per Ft.	
21.013	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 825 mm (33") i/d	Per Ft.	
21.014	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 900 mm (36") i/d	Per Ft.	
21.015	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 1070 mm (42") i/d	Per Ft.	
21.016	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 1220 mm (48") i/d	Per Ft.	
21.017	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 1370 mm (54") i/d	Per Ft.	
21.018	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 1520 mm (60") i/d	Per Ft.	
21.019	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 1680 mm (66") i/d	Per Ft.	
21.020	RCC sewer pipes conforming to ASTM C-76-79 (class III wall B) 1830 mm (72") i/d	Per Ft.	
21.021	RCC Pipes conforming (to BS 5911 part I, 1981 class 'L') 100 mm (4") i/d	Per Ft.	
21.022	RCC Pipes conforming (to BS 5911 part I, 1981 class 'L') 150 mm (6") i/d	Per Ft.	
21.023	RCC Pipes conforming (to BS 5911 part I, 1981 class 'L') 225 mm (9") i/d	Per Ft.	
21.024	Non/reinforced concrete pipe 100 mm (4") dia conforming to ASTM C-14-73 Class I	Per Ft.	
21.025	Non/reinforced concrete pipe 150 mm (6") dia conforming to ASTM C-14-73 Class I	Per Ft.	
21.026	Non/reinforced concrete pipe 200 mm (8") dia conforming to ASTM C-14-73 Class I	Per Ft.	
21.027	Non/reinforced concrete pipe 225 mm (9") dia conforming to ASTM C-14-73 Class I	Per Ft.	
21.028	Non/reinforced concrete pipe 250 mm (10") dia conforming to ASTM C-14-73 Class I	Per Ft.	
21.029	RCC Sewer pipe 300 mm (12") Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.030	RCC Sewer pipe 375 mm (15") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.031	RCC Sewer pipe 450 mm (18") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.032	RCC Sewer pipe 525 mm (21") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.033	RCC Sewer pipe 600 mm (24") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.034	RCC Sewer pipe 675 mm (27") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.035	RCC Sewer pipe 750 mm (30") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.036	RCC Sewer pipe 825 mm (33") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.037	RCC Sewer pipe 900 mm (36") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.038	RCC Sewer pipe 1070 mm (42") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.039	RCC Sewer pipe 1220 mm (48") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.040	RCC Sewer pipe 1370 mm (54") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.041	RCC Sewer pipe 1520 mm (60") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.042	RCC Sewer pipe 1680 mm (66") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.043	RCC Sewer pipe 1830 mm (72") dia Conforming to ASTM C-76-79 (ClassII wall 'B')	Per Ft.	
21.044	Rubber Ring	Per Inch	
21.045	RCC Sewer pipe 300 mm (12") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.046	RCC Sewer pipe 380 mm (15") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.047	RCC Sewer pipe 460 mm (18") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.048	RCC Sewer pipe 535 mm (21") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.049	RCC Sewer pipe 610 mm (24") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.050	RCC Sewer pipe 685 mm (27") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.051	RCC Sewer pipe 760 mm (30") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.052	RCC Sewer pipe 800 mm (33") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.053	RCC Sewer pipe 915 mm (36") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.054	RCC Sewer pipe 1070 mm (42") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.055	RCC Sewer pipe 1220 mm (48") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.056	RCC Sewer pipe 1370 mm (54") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.057	RCC Sewer pipe 1520 mm (60") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.058	RCC Sewer pipe 1680 mm (66") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.059	RCC Sewer pipe 1830 mm (72") dia Conforming to ASTM C-76-79 (Class IV wall 'B')	Per Ft.	
21.060	Steel bolt 12" long	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
21.061	Foundation bolts & nuts ¾" dia 2' long .	Each	
21.062	Rubber sheet 1/8" thick	P.Kg	
21.063	Foundation bolts & nuts ¾" dia 1½' long	Each	
21.064	Foundation bolts ¾" dia 2½' long.	Each	
21.065	Foundation bolts 7/8" dia 2½' long.	Each	
22.001	Winch including cost of tripod, tackle etc. for sinking of well	Each	
22.002	Steel rope 3/4" dia (Ref # 6.031)	Per Rft.	
22.003	One cusic capacity pumping set for dewatering	Each	
22.004	Sleeper	Each	
22.005	Bolts & Nuts	P.Kg	
23.001	A.C/F.C pressure pipe '80mm (3") dia Class 'B' BSS with comet joint and rubber rings.	Per Ft.	
23.002	A.C/F.C pressure pipe 100 mm (4") dia Class 'B' BSS with comet joint and rubber rings.	Per Ft.	
23.003	A.C/F.C pressure pipe 150 mm (6") dia Class 'B' BSS with comet joint and rubber rings.	Per Ft.	
23.004	A.C/F.C pressure pipe 200 mm (8") dia Class 'B' BSS with comet joint and rubber rings.	Per Ft.	
23.005	A.C/F.C pressure pipe 250 mm (10") dia Class 'B' BSS with comet joint and rubber rings.	Per Ft.	
23.006	A.C/F.C pressure pipe 300 mm (12") dia Class 'B' BSS with comet joint and rubber rings.	Per Ft.	
23.007	A.C/F.C pressure pipe 350 mm (14") dia Class 'B' BSS with comet joint and rubber rings.	Per Ft.	
23.008	A.C/F.C pressure pipe 400 mm (16") dia Class 'B' BSS with comet joint and rubber rings.	Per Ft.	
23.009	A.C/F.C pressure pipe 450 mm (18") dia Class 'B' BSS with comet joint and rubber rings.	Per Ft.	
23.010	A.C/F.C pressure pipe 500 mm (20") dia Class 'B' BSS with comet joint and rubber rings.	Per Ft.	
23.011	A.C/F.C pressure pipe 600 mm (24") dia Class 'B' BSS with comet joint and rubber rings.	Per Ft.	
23.012	A.C/F.C pressure pipe 80 mm (3") dia Class 'C' BSS with comet joint and rubber rings.	Per Ft.	
23.013	A.C/F.C pressure pipe 100 mm (4") dia Class 'C' BSS with comet joint and rubber rings.	Per Ft.	
23.014	A.C/F.C pressure pipe 150 mm (6") dia Class 'C' BSS with comet joint and rubber rings.	Per Ft.	
23.015	A.C/F.C pressure pipes 200 mm (8") dia Class 'C' BSS with comet joint and rubber rings.	Per Ft.	
23.016	A.C/F.C pressure pipe 250 mm (10") dia Class 'C' BSS with comet joint and rubber rings.	Per Ft.	
23.017	A.C/F.C pressure pipe 300 mm (12") dia Class 'C' BSS with comet joint and rubber rings.	Per Ft.	
23.018	A.C/F.C pressure pipe 350 mm (14") dia Class 'C' BSS with comet joint and rubber rings.	Per Ft.	
23.019	A.C/F.C pressure pipe 400 mm (16") dia Class 'C' BSS with comet joint and rubber rings.	Per Ft.	
23.020	A.C/F.C pressure pipe 450 mm (18") dia Class 'C' BSS with comet joint and rubber rings.	Per Ft.	
23.021	A.C/F.C pressure pipe '500 mm (20") dia Class 'C' BSS with comet joint and rubber rings.	Per Ft.	
23.022	A.C/F.C pressure pipe 600 mm (24") dia Class 'C' BSS with comet joint and rubber rings.	Per Ft.	
23.023	A.C/F.C pressure pipe 80 mm (3") dia Class 'D' BSS with comet joint and rubber rings.	Per Ft.	
23.024	A.C/F.C pressure pipe 100 mm (4") dia Class 'D' BSS with comet joint and rubber rings.	Per Ft.	
23.025	A.C/F.C pressure pipe 150 mm (6") dia Class 'D' BSS with comet joint and rubber rings.	Per Ft.	
23.026	A.C/F.C pressure pipe 200 mm (8") dia Class 'D' BSS with comet joint and rubber rings.	Per Ft.	
23.027	A.C/F.C pressure pipe 250 mm (10") dia Class 'D' BSS with comet joint and rubber rings.	Per Ft.	
23.028	A.C/F.C pressure pipe 300 mm (12") dia Class 'D' BSS with comet joint and rubber rings.	Per Ft.	
23.029	A.C/F.C pressure pipe 350 mm (14") dia Class 'D' BSS with comet joint and rubber rings.	Per Ft.	
23.030	A.C/F.C pressure pipe 400 mm (16") dia Class 'D' BSS with comet joint and rubber rings.	Per Ft.	
23.031	A.C/F.C pressure pipe 450 mm (18") dia Class 'D' BSS with comet joint and rubber rings.	Per Ft.	
23.032	A.C/F.C pressure pipe 500 mm (20") dia Class 'D' BSS with comet joint and rubber rings.	Per Ft.	
23.033	G.I. pressure pipe 15 mm (½") dia BSS-1387 - 1967 (Light quality) with socket joint (2mm thick)	Per Ft.	
23.034	G.I. pressure pipe 20 mm (¾") dia BSS-1387 - 1967 (Light Quality) with socket joint (2.35mm thick)	Per Ft.	
23.035	G.I. pressure pipe 25 mm (1") dia BSS-1387 - 1967 (Light Quality) with socket joint (2.65mm thick)	Per Ft.	
23.036	G.I. pressure pipe 30 mm (1¼") dia BSS-1387 - 1967 (Light Quality) with socket joint (2.65mm thick)	Per Ft.	
23.037	G.I. pressure pipe 40 mm (1½") dia BSS-1387 - 1967 (Light Quality) with socket joint (2.9mm thick)	Per Ft.	
23.038	G.I. pressure pipe 50 mm (2") dia BSS-1387 - 1967 (Light Quality) with socket joint (2.9mm thick)	Per Ft.	
23.039	G.I. pressure pipe 65 mm (2½") dia BSS-1387 - 1967 (Light Quality) with socket joint (3.25mm thick)	Per Ft.	
23.040	G.I. pressure pipe 80 mm (3") dia BSS-1387 - 1967 (Light Quality) with socket joint (3.25mm thick)	Per Ft.	
23.041	G.I. pressure pipe 100 mm (4") dia BSS-1387 - 1967 (Light Quality) with socket joint (3.65mm thick)	Per Ft.	
23.042	G.I. pressure pipe 15 mm (½") dia BSS-1387 - 1967 (Medium Quality) (2.65mm thick)	Per Ft.	
23.043	G.I. pressure pipe 20 mm (¾") dia BSS-1387 - 1967 (Medium Quality) (2.65mm thick)	Per Ft.	
23.044	G.I. pressure pipe 25 mm (1") dia BSS-1387 - 1967 (Medium Quality) (3.25mm thick)	Per Ft.	
23.045	G.I. pressure pipe 30 mm (1¼") dia BSS-1387 - 1967 (Medium Quality) (3.25mm thick)	Per Ft.	
23.046	G.I. pressure pipe 40 mm (1½") dia BSS-1387 - 1967 (Medium Quality) (3.25mm thick)	Per Ft.	
23.047	G.I. pressure pipe 50 mm (2") dia BSS-1387 - 1967 (Medium Quality) (3.65mm thick)	Per Ft.	
23.048	G.I. pressure pipe 65 mm (2½") dia BSS-1387 - 1967 (Medium Quality) (3.65mm thick)	Per Ft.	
23.049	G.I. pressure pipe 75 mm (3") dia BSS-1387 - 1967 (Medium Quality) (4.05mm thick)	Per Ft.	
23.050	G.I. pressure pipe 100 mm (4") dia BSS-1387 - 1967 (Medium Quality) (4.5mm thick)	Per Ft.	
23.051	G.I. pressure pipe 125 mm (5") dia BSS-1387 - 1967 (Medium Quality) (5 mm thick)	Per Ft.	
23.052	G.I. pressure pipe 150 mm (6") dia BSS-1387 - 1967 (Medium Quality) (5 mm thick)	Per Ft.	
23.053	G.I. pressure pipe 15 mm (½") dia BSS-1387 - 1967 (Heavy Quality) (3.25mm thick)	Per Ft.	
23.054	G.I. pressure pipe 20 mm (¾") dia BSS-1387 - 1967 (Heavy Quality) (3.25mm thick)	Per Ft.	
23.055	G.I. pressure pipe 25 mm (1") dia BSS-1387 - 1967 (Heavy Quality) (4.05mm thick)	Per Ft.	
23.056	G.I. pressure pipe 30 mm (1¼") dia BSS-1387 - 1967 (Heavy Quality) (4.05mm thick)	Per Ft.	
23.057	G.I. pressure pipe 40 mm (1½") dia BSS-1387 - 1967 (Heavy Quality) (4.05mm thick)	Per Ft.	
23.058	G.I. pressure pipe 50 mm (2") dia BSS-1387 - 1967 (Heavy Quality) (4.5mm thick)	Per Ft.	
23.059	G.I. pressure pipe 65 mm (2½") dia BSS-1387 - 1967 (Heavy Quality) (4.5mm thick)	Per Ft.	
23.060	G.I. pressure pipe 75 mm (3") dia BSS-1387 - 1967 (Heavy Quality) (4.85mm thick)	Per Ft.	
23.061	G.I. pressure pipe 100 mm (4") dia BSS-1387 - 1967 (Heavy Quality) (5.4mm thick)	Per Ft.	
23.062	G.I. pressure pipe '125 mm (5") dia BSS-1387 - 1967 (Heavy Quality)(5.4mm thick)	Per Ft.	
23.063	G.I. pressure pipe 150 mm (6") dia BSS-1387 - 1967 (Heavy Quality)(5.4mm thick)	Per Ft.	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
23.064	Jointing Material of Socket Joint for 1/2" dia G.I. Pipe for 100' long	Per % Rft.	
23.065	Jointing Material of Socket Joint for 3/4" dia G.I. Pipe for 100' long	Per % Rft.	
23.066	Jointing Material of Socket Joint for 1" dia G.I. Pipe for 100' long	Per % Rft.	
23.067	Jointing Material of Socket Joint for 1 1/4" dia G.I. Pipe for 100' long	Per % Rft.	
23.068	Jointing Material of Socket Joint for 1 1/2" dia G.I. Pipe for 100' long	Per % Rft.	
23.069	Jointing Material of Socket Joint for 2" dia G.I. Pipe for 100' long	Per % Rft.	
23.070	Jointing Material of Socket Joint for 2 1/2" dia G.I. Pipe for 100' long	Per % Rft.	
23.071	Jointing Material of Socket Joint for 3" dia G.I. Pipe for 100' long	Per % Rft.	
23.072	Jointing Material of Socket Joint for 4" dia G.I. Pipe for 100' long	Per % Rft.	
23.073	Jointing Material of Socket Joint for 5" dia G.I. Pipe for 100' long	Per % Rft.	
23.074	Jointing Material of Socket Joint for 6" dia G.I. Pipe for 100' long	Per % Rft.	
23.075	Testing charges of G.I. Pipes for 1" dia	Per % Rft.	
23.076	Testing charges of G.I. Pipes for 1 1/4" dia	Per % Rft.	
23.077	Testing charges of G.I. Pipes for 1 1/2" dia	Per % Rft.	
23.078	Testing charges of G.I. Pipes for 2" dia	Per % Rft.	
23.079	Testing charges of G.I. Pipes for 2 1/2" dia	Per % Rft.	
23.080	Testing charges of G.I. Pipes for 3" dia	Per % Rft.	
23.081	Testing charges of G.I. Pipes for 4" dia	Per % Rft.	
23.082	Testing charges of G.I. Pipes for 5" dia	Per % Rft.	
23.083	Testing charges of G.I. Pipes for 6" dia	Per % Rft.	
23.084	50 mm (2") dia 3 mm (1/8") thick M.S blind pipes	Per Ft.	
23.085	80 mm (3") dia 3 mm (1/8") thick M.S blind pipes	Per Ft.	
23.086	100 mm (4") dia 3 mm (1/8") thick M.S blind pipes	Per Ft.	
23.087	125 mm (5") dia 5 mm (3/16") thick M.S blind pipes	Per Ft.	
23.088	150 mm (6") dia 5 mm (3/16") thick M.S blind pipes	Per Ft.	
23.089	175 mm (7") dia 5 mm (3/16") thick M.S blind pipe	Per Ft.	
23.090	200 mm (8") dia 5 mm (3/16") thick M.S blind pipes	Per Ft.	
23.091	225 mm (9") dia 5 mm (3/16") thick M.S blind pipes	Per Ft.	
23.092	250 mm (10") dia 6 mm (1/4") thick M.S blind pipes	Per Ft.	
23.093	300 mm (12") dia 6 mm (1/4") thick M.S blind pipes	Per Ft.	
23.094	375 mm (15") dia 6 mm (1/4") thick M.S blind pipes	Per Ft.	
23.095	450 mm (18") dia 6 mm (1/4") thick M.S blind pipes	Per Ft.	
23.096	500 mm (20") dia 6 mm (1/4") thick M.S blind pipes	Per Ft.	
23.097	550 mm (22") dia 6 mm (1/4") thick M.S blind pipes	Per Ft.	
23.098	80-600 mm (3"-24") dia {C.I specials (with Commet joint and rubber ring) For A.C Pipes}	Per Kg	
23.099	80-450 mm (3"- 18") dia C.I Specials of BSS Class B with Spigot and socket joint	Per Kg	
23.100	80-450 mm (3"- 18") dia C.I Specials of BSS Class B With Flanged Joint	Per Kg	
23.101	80-450 mm (3"- 18") dia C.I Specials of BSS Class B with Tyton Joint	Per Kg	
23.102	75 mm (3") dia Sluice Valves of BSS for AC & CI pipe line (BS 3464)	Each	
23.103	100 mm (4") dia Sluice Valves of BSS for AC & CI pipe line (BS 3464)	Each	
23.104	125 mm (5") dia Sluice Valves of BSS for AC & CI pipe line (BS 3464)	Each	
23.105	150 mm (6") dia Sluice Valves of BSS for AC & CI pipe line (BS 3464)	Each	
23.106	200 mm (8") dia Sluice Valves of BSS for AC & CI pipe line (BS 3464)	Each	
23.107	250 mm (10") dia Sluice Valves of BSS for AC & CI pipe line (BS 3464)	Each	
23.108	300 mm (12") dia Sluice Valves of BSS for AC & CI pipe line (BS 3464)	Each	
23.109	375 mm (14") dia Sluice Valves of BSS for AC & CI pipe line (BS 3464)	Each	
23.110	450 mm (18") dia Sluice Valves of BSS for AC & CI pipe line (BS 3464)	Each	
23.111	Single Air Valve 75 mm (3")	Each	
23.112	Double Air Valve 75 mm (3")	Each	
23.113	Fire Hydrant BSS 65 mm (2 1/2")	Each	
23.114	80 mm (3") dia P.V.C tapperd core BSS Class 'B'	Each	
23.115	100 mm (4") dia P.V.C tapperd core BSS Class 'B'	Each	
23.116	125 mm (5") dia P.V.C tapperd core BSS Class 'B'	Each	
23.117	150 mm (6") dia P.V.C tapperd core BSS Class 'B'	Each	
23.118	200 mm (8") dia P.V.C tapperd core BSS Class 'B'	Each	
23.119	250 mm (10") dia P.V.C tapperd core BSS Class 'B'	Each	
23.120	300 mm (12") dia P.V.C tapperd core BSS Class 'B'	Each	
23.121	350 mm (14") dia P.V.C tapperd core BSS Class 'B'	Each	
23.122	15 mm (1 1/4") dia P.V.C tapperd core BSS Class 'D'	Each	
23.123	40 mm (1 1/2") dia P.V.C tapperd core BSS Class 'D'	Each	
23.124	50 mm (2") P.V.C tapperd core BSS Class 'D'	Each	
23.125	75 mm (3") dia P.V.C Bends BSS class 'B'	Each	
23.126	100 mm (4") dia P.V.C Bends BSS class 'B'	Each	
23.127	100 mm (5") dia P.V.C Bends BSS class 'B'	Each	
23.128	150 mm (6") dia P.V.C Bends BSS class 'B'	Each	
23.129	30 mm (1 1/4") dia P.V.C Bends BSS class 'D'	Each	
23.130	40 mm (1 1/2") dia P.V.C Bends BSS class 'D'	Each	
23.131	50 mm (2") dia P.V.C Bends BSS class 'D'	Each	
23.132	80 mm (3") dia P.V.C Bends BSS class 'D'	Each	
23.133	100 mm (4") dia P.V.C Bends BSS class 'D'	Each	
23.134	125 mm (5") dia P.V.C Bends BSS class 'D'	Each	
23.135	150 mm (6") dia P.V.C Bends BSS class 'D'	Each	
23.136	80 mmm (3") dia P.V.C Tee BSS Class 'B'	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
23.137	100 mm (4") dia P.V.C Tee BSS Class 'B'	Each	
23.138	125 mm (5") dia P.V.C Tee BSS Class 'B'	Each	
23.139	150 mm (6") dia P.V.C Tee BSS Class 'B'	Each	
23.140	200 mm (8") dia P.V.C Tee BSS Class 'B'	Each	
23.141	250 mm (10") dia P.V.C Tee BSS Class 'B'	Each	
23.142	300 mm (12") dia P.V.C Tee BSS Class 'B'	Each	
23.143	350 mm (14") dia P.V.C Tee BSS Class 'B'	Each	
23.144	30 mm (1¼") dia P.V.C Tee BSS Class 'D'	Each	
23.145	40 mm (1½") dia P.V.C Tee BSS Class 'D'	Each	
23.146	50 mm (2") dia P.V.C Tee BSS Class 'D'	Each	
23.147	80 mm (3") dia P.V.C Tee BSS Class 'D'	Each	
23.148	100 mm (4") dia P.V.C Tee BSS Class 'D'	Each	
23.149	125 mm (5") dia P.V.C Tee BSS Class 'D'	Each	
23.150	150 mm (6") dia P.V.C Tee BSS Class 'D'	Each	
23.151	80 mm (3") dia P.V.C sockets BSS Class 'B'	Each	
23.152	100 mm (4") dia P.V.C sockets BSS Class 'B'	Each	
23.153	125 mm (5") dia P.V.C sockets BSS Class 'B'	Each	
23.154	150 mm (6") dia P.V.C sockets BSS Class 'B'	Each	
23.155	200 mm (8") dia P.V.C sockets BSS Class 'B'	Each	
23.156	250 mm (10") dia P.V.C sockets BSS Class 'B'	Each	
23.157	300 mm (12") dia P.V.C sockets BSS Class 'B'	Each	
23.158	350 mm (14") dia P.V.C sockets BSS Class 'B'	Each	
23.159	30 mm (1¼") dia P.V.C sockets BSS Class 'D'	Each	
23.160	40 mm (1½") dia P.V.C sockets BSS Class 'D'	Each	
23.161	50 mm (2") dia P.V.C sockets BSS Class 'D'	Each	
23.162	80 mm (3") dia P.V.C sockets BSS Class 'D'	Each	
23.163	100 mm (4") dia P.V.C sockets BSS Class 'D'	Each	
23.164	125 mm (5") dia P.V.C sockets BSS Class 'D'	Each	
23.165	150 mm (6") dia P.V.C sockets BSS Class 'D'	Each	
23.166	Bleaching powder / chlorine	Per Kg	
23.167	50 mm (2") dia 4 mm (5/32") Brass strainer including special studs & sockets	Per Ft.	
23.168	75 mm (3") dia 4 mm (5/32") Brass strainer including special studs & sockets	Per Ft.	
23.169	100 mm (4") dia 5 mm (3/16") Brass strainer including special studs & sockets	Per Ft.	
23.170	125 mm (5") dia 5 mm (3/16") Brass strainer including special studs & sockets	Per Ft.	
23.171	150 mm (6") dia 5 mm (3/16") Brass strainer including special studs & sockets	Per Ft.	
23.172	175 mm (7") dia 5 mm (3/16") Brass strainer including special studs & sockets	Per Ft.	
23.173	200 mm (8") dia 5 mm (3/16") Brass strainer including special studs & sockets	Per Ft.	
23.174	225 mm (9") dia 5 mm (3/16") Brass strainer including special studs & sockets	Per Ft.	
23.175	250 mm (10") dia 5 mm (3/16") Brass strainer including special studs & sockets	Per Ft.	
23.176	250 mm (10") dia 6 mm (¼") Brass strainer including special studs & sockets	Per Ft.	
23.177	300 mm (12") dia 6 mm (¼") Brass strainer including special studs & sockets	Per Ft.	
23.178	375 mm (15") dia 6 mm (¼") Brass strainer including special studs & sockets	Per Ft.	
23.179	450 mm (18") dia 6 mm (¼") Brass strainer including special studs & sockets	Per Ft.	
23.180	500 mm (20") dia 6 mm (¼") Brass strainer including special studs & sockets	Per Ft.	
23.181	550 mm (22") dia 6 mm (¼") Brass strainer including special studs & sockets	Per Ft.	
23.182	75 mm (3") dia P.V.C strainer Class 'B'	Per Ft.	
23.183	100 mm (4") dia P.V.C strainer Class 'B'	Per Ft.	
23.184	125 mm (5") dia 60 cm P.V.C strainer Class 'B'	Per Ft.	
23.185	150 mm (6") dia 60 cm P.V.C strainer Class 'B'	Per Ft.	
23.186	175 mm (7") dia 60 cm P.V.C strainer Class 'B'	Per Ft.	
23.187	200 mm (8") dia 60 cm P.V.C strainer Class 'B'	Per Ft.	
23.188	250 mm (10") dia 60 cm P.V.C strainer Class 'B'	Per Ft.	
23.189	300 mm (12") dia 60 cm P.V.C strainer Class 'B'	Per Ft.	
23.190	PVC Stainer Class D 1¼" dia (30mm)	Per Ft.	
23.191	PVC Stainer Class D 1½" dia (40 mm)	Per Ft.	
23.192	PVC Stainer Class D 2" dia (50 mm)	Per Ft.	
23.193	PVC Stainer Class D 3" dia (75 mm)	Per Ft.	
23.194	PVC Stainer Class D 4" dia (100 mm)	Per Ft.	
23.195	PVC Stainer Class D 5" dia (125 mm)	Per Ft.	
23.196	PVC Stainer Class D 6" dia (150 mm)	Per Ft.	
23.197	50 mm (2") i/d, Bail Plug-mild steel	Per Ft.	
23.198	75 mm (3") i/d Bail Plug-mild steel	Per Ft.	
23.199	100 mm (4") i/d Bail Plug-mild steel	Per Ft.	
23.200	125 mm (5") i/d Bail Plug-mild steel	Per Ft.	
23.201	150 mm (6") i/d Bail Plug-mild steel	Per Ft.	
23.202	175 mm (7") i/d Bail Plug-mild steel	Per Ft.	
23.203	200 mm (8") i/d Bail Plug-mild steel	Per Ft.	
23.204	225 mm (9") i/d Bail Plug-mild steel	Per Ft.	
23.205	250 mm (10") i/d Bail Plug-mild steel	Per Ft.	
23.206	300 mm (12") i/d Bail Plug-mild steel	Per Ft.	
23.207	375 mm (15") i/d Bail Plug-mild steel	Per Ft.	
23.208	450 mm (18") i/d Bail Plug-mild steel	Per Ft.	
23.209	500 mm (20") i/d Bail Plug-mild steel	Per Ft.	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
23.210	550 mm (22") i/d Bail Plug-mild steel	Per Ft.	
23.211	75 mm (3") dia PVC BSS Class 'B' Bail Plug	Each	
23.212	100 mm (4") dia PVC BSS Class 'B' Bail Plug	Each	
23.213	125 mm (5") dia PVC BSS Class 'B' Bail Plug	Each	
23.214	150 mm (6") dia PVC BSS Class 'B' Bail Plug	Each	
23.215	200 mm (8") dia PVC BSS Class 'B' Bail Plug	Each	
23.216	250 mm (10") dia PVC BSS Class 'B' Bail Plug	Each	
23.217	300 mm (12") dia PVC BSS Class 'B' Bail Plug	Each	
23.218	350 mm (14") dia PVC BSS Class 'B' Bail Plug	Each	
23.219	30 mm (1 1/4") dia P.V.C. Class 'D' Bail Plug	Each	
23.220	40 mm (1 1/2") dia P.V.C. Class 'D' Bail Plug	Each	
23.221	50 mm (2") dia P.V.C. Class 'D' Bail Plug	Each	
23.222	80 mm (3") dia P.V.C. Class 'D' Bail Plug	Each	
23.223	100 mm (4") dia P.V.C. Class 'D' Bail Plug	Each	
23.224	125 mm (5") dia P.V.C. Class 'D' Bail Plug	Each	
23.225	150 mm (6") dia P.V.C. Class 'D' Bail Plug	Each	
23.226	G.I. pipe with flanged joint 1 1/2" dia 40mm (Heavy Quality)	Per Ft.	
23.227	G.I. pipe with G.I. flanged joint 2" dia 50 mm (Heavy Quality)	Per Ft.	
23.228	G.I. pipe with G.I. flanged joint 2 1/2" dia 65 mm (Heavy Quality)	Per Ft.	
23.229	G.I. pipe with G.I. flanged joint 3" dia 75 mm (Heavy Quality)	Per Ft.	
23.230	G.I. pipe with G.I. flanged joint 4" dia 100 mm (Heavy Quality)	Per Ft.	
23.231	G.I. pipe with G.I. flanged joint 5" dia 125 mm (Heavy Quality)	Per Ft.	
23.232	G.I. pipe with G.I. flanged joint 6" dia 150 mm (Heavy Quality)	Per Ft.	
23.233	G.I. pipe with C.I. flanged joint 1 1/2" dia 40mm (Medium Quality)	Per Ft.	
23.234	G.I. pipe with C.I. flanged joint 2" dia 50 mm (Medium Quality)	Per Ft.	
23.235	G.I. pipe with C.I. flanged joint 2 1/2" dia 65 mm (Medium Quality)	Per Ft.	
23.236	G.I. pipe with C.I. flanged joint 3" dia 75 mm (Medium Quality)	Per Ft.	
23.237	G.I. pipe with C.I. flanged joint 4" dia 100 mm (Medium Quality)	Per Ft.	
23.238	G.I. pipe with C.I. flanged joint 5" dia 125 mm (Medium Quality)	Per Ft.	
23.239	G.I. pipe with C.I. flanged joint 6" dia 150 mm (Medium Quality)	Per Ft.	
23.240	75 mm(3") Sluice Valve for A.C. Pipe Line with commet joint & rubber ring (BS 3464)	Each	
23.241	100 mm(4") Sluice Valve for A.C. Pipe Line with commet joint & rubber ring (BS 3464)	Each	
23.242	150 mm(6") Sluice Valve for A.C. Pipe Line with commet joint & rubber ring (BS 3464)	Each	
23.243	200 mm(8") Sluice Valve for A.C. Pipe Line with commet joint & rubber ring (BS 3464)	Each	
23.244	250 mm(10") Sluice Valve for A.C. Pipe Line with commet joint & rubber ring (BS 3464)	Each	
23.245	300 mm(12") Sluice Valve for A.C. Pipe Line with commet joint & rubber ring (BS 3464)	Each	
23.246	400 mm(16") Sluice Valve for A.C. Pipe Line with commet joint & rubber ring (BS 3464)	Each	
23.247	450 mm(18") Sluice Valve for A.C. Pipe Line with commet joint & rubber ring (BS 3464)	Each	
23.248	Lock for wooden box for pressuring samples off strata from bore hole (BS 3464)	Each	
23.249	Cost of Lubricant for PVC Pipe	Per Kg.	
23.250	Steel Handle 4" (100mm)	Each	
23.251	75 mm (3") PVC / uPVC Blind/Pressure Pipe Class "B" (6 bar) PS-3051=BS-3505	Per Ft.	
23.252	100 mm (4")PVC / uPVC Blind/Pressure Pipe Class "B" (6 bar) PS-3051=BS-3505	Per Ft.	
23.253	125 mm (5")PVC / uPVC Blind/Pressure Pipe Class "B" (6 bar) PS-3051=BS-3505	Per Ft.	
23.254	150 mm (6")PVC / uPVC Blind/Pressure Pipe Class "B" (6 bar) PS-3051=BS-3505	Per Ft.	
23.255	200 mm (8")PVC / uPVC Blind/Pressure Pipe Class "B" (6 bar) PS-3051=BS-3505	Per Ft.	
23.256	250 mm (10")PVC / uPVC Blind/Pressure Pipe Class "B" (6 bar) PS-3051=BS-3505	Per Ft.	
23.257	300 mm (12")PVC / uPVC Blind/Pressure Pipe Class "B" (6 bar) PS-3051=BS-3505	Per Ft.	
23.258	350 mm (14")PVC / uPVC Blind/Pressure Pipe Class "B" (6 bar) PS-3051=BS-3505	Per Ft.	
23.259	30 mm (1-1/4")PVC / uPVC Blind/Pressure Pipe Class "D" (12 bar)	Per Ft.	
23.260	40 mm (1-1/2")PVC / uPVC Blind/Pressure Pipe Class "D" (12 bar)	Per Ft.	
23.261	50 mm (2")PVC / uPVC Blind/Pressure Pipe Class "D" (12 bar)	Per Ft.	
23.262	75 mm (3")PVC / uPVC Blind/Pressure Pipe Class "D" (12 bar)	Per Ft.	
23.263	100 mm (4")PVC / uPVC Blind/Pressure Pipe Class "D" (12 bar)	Per Ft.	
23.264	125 mm (5")PVC / uPVC Blind/Pressure Pipe Class "D" (12 bar)	Per Ft.	
23.265	150 mm (6")PVC / uPVC Blind/Pressure Pipe Class "D" (12 bar)	Per Ft.	
23.266	Loading expenses for pipes	P. Day	
23.267	(Petty store) bolts & nuts etc. for 5" dia bore	Per Ft.	
23.268	(Petty store) bolts & nuts etc. for 6" dia bore	Per Ft.	
23.269	(Petty store) bolts & nuts etc. for 8" dia bore	Per Ft.	
23.270	(Petty store) bolts & nuts etc. for 10" dia bore	Per Ft.	
23.271	(Petty store) bolts & nuts etc. for 12" dia bore	Per Ft.	
23.272	(Petty store) bolts & nuts etc. for 15" dia bore	Per Ft.	
23.273	(Petty store) bolts & nuts etc. for 18" dia bore	Per Ft.	
23.274	Hire charges of boring material, installation & Carriage (3" dia bore) upto 100 Ft. depth	Per Ft.	
23.275	Hire charges of boring material, installation & Carriage (4" dia bore) upto 100 Ft. depth	Per Ft.	
23.276	Hire charges of boring material, installation & Carriage (5" dia bore) upto 00 Ft. depth	Per Ft.	
23.277	Hire charges of boring material, installation & Carriage (6" dia bore) upto 100 Ft. depth	Per Ft.	
23.278	Hire charges of boring material, installation & Carriage (8" dia bore) upto 100 Ft. depth	Per Ft.	
23.279	Hire charges of boring material, installation & Carriage (10" dia bore) upto 100 Ft. depth	Per Ft.	
23.280	Hire charges of boring material, installation & Carriage (12" dia bore) upto 100 Ft. depth	Per Ft.	
23.281	Hire charges of boring material, installation & Carriage (15" dia bore) upto 100 Ft. depth	Per Ft.	
23.282	Hire charges of boring material, installation & Carriage (18" dia bore) upto 100 Ft. depth	Per Ft.	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
23.283	Hire charges of boring material, installation & Carriage for (5" dia bore) from 100.10 to 200 Ft. depth	Per Ft.	
23.284	Hire charges of boring material, installation & Carriage for (6" dia bore) from 100.10 to 200 Ft. depth	Per Ft.	
23.285	Hire charges of boring material, installation & Carriage for (8" dia bore) from 100.10 to 200 Ft. depth	Per Ft.	
23.286	Hire charges of boring material, installation & Carriage for (10" dia bore) from 100.10 to 200 Ft. depth	Per Ft.	
23.287	Hire charges of boring material, installation & Carriage for (12" dia bore) from 100.10 to 200 Ft. depth	Per Ft.	
23.288	Hire charges of boring material, installation & Carriage for (15" dia bore) from 100.10 to 200 Ft. depth	Per Ft.	
23.289	Hire charges of boring material, installation & Carriage for (18" dia bore) from 100.10 to 200 Ft. depth	Per Ft.	
23.290	Hire charges of boring material, installation & Carriage for (5" dia bore) from 200.10 to 300 Ft. depth	Per Ft.	
23.291	Hire charges of boring material, installation & Carriage for (6" dia bore) from 200.10 to 300 Ft. depth	Per Ft.	
23.292	Hire charges of boring material, installation & Carriage for (8" dia bore) from 200.10 to 300 Ft. depth	Per Ft.	
23.293	Hire charges of boring material, installation & Carriage for (10" dia bore) from 200.10 to 300 Ft. depth	Per Ft.	
23.294	Hire charges of boring material, installation & Carriage for (12" dia bore) from 200.10 to 300 Ft. depth	Per Ft.	
23.295	Hire charges of boring material, installation & Carriage for (15" dia bore) from 200.10 to 300 Ft. depth	Per Ft.	
23.296	Hire charges of boring material, installation & Carriage for (18" dia bore) from 200.10 to 300 Ft. depth	Per Ft.	
23.297	Hire charges of boring material, installation & Carriage for (8" dia bore) from 300.10 to 400 Ft. depth	Per Ft.	
23.298	Hire charges of boring material, installation & Carriage for (10" dia bore) from 300.10 to 400 Ft. depth	Per Ft.	
23.299	Hire charges of boring material, installation & Carriage for (12" dia bore) from 300.10 to 400 Ft. depth	Per Ft.	
23.300	Hire charges of boring material, installation & Carriage for (15" dia bore) from 300.10 to 400 Ft. depth	Per Ft.	
23.301	Hire charges of boring material, installation & Carriage for (18" dia bore) from 300.10 to 400 Ft. depth	Per Ft.	
23.302	Repair charges of T&P for 5" dia bore hole	Per Ft.	
23.303	Repair charges of T&P for 6" dia bore hole	Per Ft.	
23.304	Repair charges of T&P for 8" dia bore hole	Per Ft.	
23.305	Repair charges of T&P for 10" dia bore hole	Per Ft.	
23.306	Repair charges of T&P for 12" dia bore hole	Per Ft.	
23.307	Repair charges of T&P for 15" dia bore hole	Per Ft.	
23.308	Repair charges of T&P for 18" dia bore hole	Per Ft.	
23.309	Solvent for PVC Strainer 3" dia (Class B)	Per Ft.	
23.310	Solvent for PVC Strainer 4" - 5" dia (Class B)	Per Ft.	
23.311	Solvent for PVC Strainer 6" dia (Class B)	Per Ft.	
23.312	Solvent for PVC Strainer 8" - 10" dia (Class B)	Per Ft.	
23.313	Solvent for PVC Strainer 12" - 14" dia (Class B)	Per Ft.	
23.314	Solvent for PVC Strainer 1¼" dia (Class D)	Per Ft.	
23.315	Solvent for PVC Strainer 1½" dia (Class D)	Per Ft.	
23.316	Solvent for PVC Strainer 2" dia (Class D)	Per Ft.	
23.317	Solvent for PVC Strainer 3" dia (Class D)	Per Ft.	
23.318	Solvent for PVC Strainer 4" dia (Class D)	Per Ft.	
23.319	Solvent for PVC Strainer 5" dia (Class D)	Per Ft.	
23.320	Solvent for PVC Strainer 6" dia (Class D)	Per Ft.	
23.321	Solvent for PVC Bail Plug 3" dia (Class B)	Each	
23.322	Solvent for PVC Bail Plug 4" dia (Class B)	Each	
23.323	Solvent for PVC Bail Plug 5" dia (Class B)	Each	
23.324	Solvent for PVC Bail Plug 6" dia (Class B)	Each	
23.325	Solvent for PVC Bail Plug 8" dia (Class B)	Each	
23.326	Solvent for PVC Bail Plug 10" dia (Class B)	Each	
23.327	Solvent for PVC Bail Plug 12" dia (Class B)	Each	
23.328	Solvent for PVC Bail Plug 14" dia (Class B)	Each	
23.329	Solvent for PVC Bail Plug 1¼" dia (Class D)	Each	
23.330	Solvent for PVC Bail Plug 1½" dia (Class D)	Each	
23.331	Solvent for PVC Bail Plug 2" dia (Class D)	Each	
23.332	Solvent for PVC Bail Plug 3" dia (Class D)	Each	
23.333	Solvent for PVC Bail Plug 4" dia (Class D)	Each	
23.334	Solvent for PVC Bail Plug 5" dia (Class D)	Each	
23.335	Solvent for PVC Bail Plug 6" dia (Class D)	Each	
23.336	Testing and Disinfecting of PVC Pipe 3" dia	100 Ft.	
23.337	Testing and Disinfecting of PVC Pipe 4" dia	100 Ft.	
23.338	Testing and Disinfecting of PVC Pipe 5" dia	100 Ft.	
23.339	Testing and Disinfecting of PVC Pipe 6" dia	100 Ft.	
23.340	Testing and Disinfecting of PVC Pipe 8" dia	100 Ft.	
23.341	Testing and Disinfecting of PVC Pipe 10" dia	100 Ft.	
23.342	Testing and Disinfecting of PVC Pipe 12" dia	100 Ft.	
23.343	Testing and Disinfecting of PVC Pipe 14" dia	100 Ft.	
23.344	Testing and Disinfecting of G.I Pipe 40mm (1½") dia	100 Ft.	
23.345	Testing and Disinfecting of G.I Pipe 50mm (2") dia	100 Ft.	
23.346	Testing and Disinfecting of G.I Pipe 63mm (2½") dia	100 Ft.	
23.347	Testing and Disinfecting of G.I Pipe 75mm (3") dia	100 Ft.	
23.348	Testing and Disinfecting of G.I Pipe 100mm (4") dia	100 Ft.	
23.349	Testing and Disinfecting of G.I Pipe 125mm (6") dia	100 Ft.	
23.350	Testing and Disinfecting of G.I Pipe 150mm (7") dia	100 Ft.	
23.351	Disc for bail plugs	P. Kg.	
23.352	Testing and Disinfecting of G.I Pipe	P. Lbs	
23.353	Bottle 2 lbs capacity	Each	
23.354	75 mm to 450 mm dia CI flanges for pipes	P. Kg.	
23.355	Cost of C.I. Flanges for Pipe	100 cwt	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
23.356	Welding Charges of spigot or socket, flanged or tyton ends	Per Inch Bore	
23.357	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 2" dia	Per Ft.	
23.358	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 3" dia	Per Ft.	
23.359	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 4" dia	Per Ft.	
23.360	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 5" dia	Per Ft.	
23.361	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 6" dia	Per Ft.	
23.362	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 7" dia	Per Ft.	
23.363	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 8" dia	Per Ft.	
23.364	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 9" dia	Per Ft.	
23.365	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 10" dia	Per Ft.	
23.366	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 10" dia	Per Ft.	
23.367	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 12" dia	Per Ft.	
23.368	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 15" dia	Per Ft.	
23.369	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 18" dia	Per Ft.	
23.370	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 20" dia	Per Ft.	
23.371	Equipment Charges for lowering Brass Stainer in Tubewel Bore Hole 22" dia	Per Ft.	
23.372	M.S. Bolt & Nut 6" to 22" dia bore hole bail plug	Each	
23.373	M.S. Bolt & Nut 2" to 5" dia bore hole bail plug	Each	
23.374	Threading Clamp 2" to 6"	Each	
23.375	Threading Clamp 7" to 22"	Each	
23.376	Water for testing and disinfecting of pipes	%0 Gallon	
23.377	Lead	Per Kg.	
23.378	Yarn	Per Kg.	
23.379	Disinfecting agent for C.I. Pipe	P. Kg.	
23.380	Bolt and nuts (3" to 4") for flanged joint	Each	
23.381	Bolt and nuts (5" to 12") for flanged joint	Each	
23.382	Bolt and nuts (15" to 18") for flanged joint	Each	
23.383	Cost of ring for cast iron pipe(3") with tyton joints	Each	
23.384	Cost of ring for cast iron pipe(4") with tyton joints	Each	
23.385	Cost of ring for cast iron pipe(5") with tyton joints	Each	
23.386	Cost of ring for cast iron pipe(6") with tyton joints	Each	
23.387	Cost of ring for cast iron pipe(8") with tyton joints	Each	
23.388	Cost of ring for cast iron pipe(10") with tyton joints	Each	
23.389	Cost of ring for cast iron pipe(12") with tyton joints	Each	
23.390	Cost of ring for cast iron pipe(15") with tyton joints	Each	
23.391	Cost of ring for cast iron pipe(18") with tyton joints	Each	
23.392	Cost of material for joints of sluice Valve for A.C. pipe wih commet joint & rubber (3") dia pipe	2 joints	
23.393	Cost of material for joints of sluice Valve for A.C. pipe wih commet joint & rubber (4") dia pipe	2 joints	
23.394	Cost of material for joints of sluice Valve for A.C. pipe wih commet joint & rubber (6") dia pipe	2 joints	
23.395	Cost of material for joints of sluice Valve for A.C. pipe wih commet joint & rubber (8") dia pipe	2 joints	
23.396	Cost of material for joints of sluice Valve for A.C. pipe wih commet joint & rubber (10") dia pipe	2 joints	
23.397	Cost of material for joints of sluice Valve for A.C. pipe wih commet joint & rubber (12") dia pipe	2 joints	
23.398	Cost of material for joints of sluice Valve for A.C. pipe wih commet joint & rubber (16") dia pipe	2 joints	
23.399	Cost of material for joints of sluice Valve for A.C. pipe wih commet joint & rubber (18") dia pipe	2 joints	
23.400	Material for jointing of fire hydrant	Each	
23.401	Material for jointing of air valve	Each	
23.402	Cost of Bolt and nuts for G.I. Flanged Joints 1½" to 2"	Each	
23.403	Cost of Bolt and nuts for G.I. Flanged Joints 2½" to 7"	Each	
23.404	Rubber Insertion for G.I. flanged joints	Per Lbs	
23.405	Solvent for PVC bends	Per Kg.	
23.406	Lubricant	Per Kg.	
23.407	Material for C-I specials with spigot and socket joint for 3" dia pipe	2 joints	
23.408	Material for C-I specials with spigot and socket joint for 4" dia pipe	2 joints	
23.409	Material for C-I specials with spigot and socket joint for 5" dia pipe	2 joints	
23.410	Material for C-I specials with spigot and socket joint for 6" dia pipe	2 joints	
23.411	Material for C-I specials with spigot and socket joint for 8" dia pipe	2 joints	
23.412	Material for C-I specials with spigot and socket joint for 10" dia pipe	2 joints	
23.413	Material for C-I specials with spigot and socket joint for 12" dia pipe	2 joints	
23.414	Material for C-I specials with spigot and socket joint for 15" dia pipe	2 joints	
23.415	Material for C-I specials with spigot and socket joint for 18" dia pipe	2 joints	
23.416	Material for CI flanged speical with flanged and flanged joints 3" dia pipe	2 joints	
23.417	Material for CI flanged speical with flanged and flanged joints 4" dia pipe	2 joints	
23.418	Material for CI flanged speical with flanged and flanged joints 5" dia pipe	2 joints	
23.419	Material for CI flanged speical with flanged and flanged joints 6" dia pipe	2 joints	
23.420	Material for CI flanged speical with flanged and flanged joints 8" dia pipe	2 joints	
23.421	Material for CI flanged speical with flanged and flanged joints 10" dia pipe	2 joints	
23.422	Material for CI flanged speical with flanged and flanged joints 12" dia pipe	2 joints	
23.423	Material for CI flanged speical with flanged and flanged joints 15" dia pipe	2 joints	
23.424	Material for CI flanged speical with flanged and flanged joints 18" dia pipe	2 joints	
23.425	Casting material (supply of speicals I/c moulding, painting carriage to site of work) CI specials with spigot an socket joint	Per Cwt	
23.426	Casting material (supply of speicals I/c moulding, painting carriage to site of work) CI flanged speical with flanged and flanged joints	Per Cwt	
23.427	Casting material (supply of speicals I/c moulding, painting carriage to site of work) CI speicals with tyton joints / with comet joint and rubber ring	Per Cwt	
23.428	Material for AC pipe line with comet joint and rubber ring complete 3"	2 joints	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
23.429	Material for AC pipe line with comet joint and rubber ring complete 4"	2 joints	
23.430	Material for AC pipe line with comet joint and rubber ring complete 6"	2 joints	
23.431	Material for AC pipe line with comet joint and rubber ring complete 8"	2 joints	
23.432	Material for AC pipe line with comet joint and rubber ring complete 10"	2 joints	
23.433	Material for AC pipe line with comet joint and rubber ring complete 12"	2 joints	
23.434	Material for AC pipe line with comet joint and rubber ring complete 16"	2 joints	
23.435	Material for AC pipe line with comet joint and rubber ring complete 18"	2 joints	
23.436	Material for AC pipe line with comet joint and rubber ring complete 20"	2 joints	
23.437	Material for AC pipe line with comet joint and rubber ring complete 24"	2 joints	
24.001	17.5 x 10 x cm (7" x 4") {Sal Wood Boards (4.5 cm) 1 3/4" thick	Each	
24.002	22.5 x 10 x cm (9" x 4") {Sal Wood Boards (4.5 cm) 1 3/4" thick	Each	
24.003	22.0 x 25 x cm (8" x 10") {Sal Wood Boards (4.5 cm) 1 3/4" thick	Each	
24.004	25.0 x 30 x cm (10" x 12") {Sal Wood Boards (4.5 cm) 1 3/4" thick	Each	
24.005	30.0 x 37 x cm (12" x 14") {Sal Wood Boards (4.5 cm) 1 3/4" thick	Each	
24.006	17.5 x 10 x cm (7" x 4") {Teak Wood Boards (4.5 cm) 1.75" thick	Each	
24.007	22.5 x 10 x cm (9" x 4") {Teak Wood Boards (4.5 cm) 1.75" thick	Each	
24.008	20.0 x 25 x cm (8" x 10") {Teak Wood Boards (4.5 cm) 1.75" thick	Each	
24.009	25.0 x 30 x cm (10" x 12") {Teak Wood Boards (4.5 cm) 1.75" thick	Each	
24.010	30.0 x 37 x cm (12" x 14") {Teak Wood Boards (4.5 cm) 1.75" thick	Each	
24.011	2 way 15 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.012	3 way 15 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.013	4 way 15 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.014	5 way 15 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.015	6 way 15 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.016	7 way 15 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.017	8 way 15 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.018	9 way 15 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.019	10 way 15 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.020	11 way 15 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.021	12 way 15 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.022	2 way 30 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.023	3 way 30 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.024	4 way 30 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.025	5 way 30 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.026	6 way 30 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.027	7 way 30 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.028	8 way 30 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.029	9 way 30 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.030	10 way 30 Amp Branch distribution board iron/aluminium clad 250 volts angle iron frame with 3 mm (1/8") M.S. sheet covering for BDB 250 volts.	Each	
24.031	PVC insulated single core copper conductor cable 3/0.029" 250/440 Volts (1.5 mm ²)	Per Metre	
24.032	PVC insulated single core copper conductor cable 3/0.036" 250/440 Volts (1.5 mm ²)	Per Metre	
24.033	PVC insulated single core copper conductor cable 7/0.029" 250/440 Volts (2.5 mm ²)	Per Metre	
24.034	PVC insulated single core copper conductor cable 7/0.036" 250/440 Volts (4 mm ²)	Per Metre	
24.035	PVC insulated single core copper conductor cable 7/0.044" 250/440 Volts (6 mm ²)	Per Metre	
24.036	PVC insulated single core copper conductor cable 7/0.064" 250/440 Volts (16 mm ²)	Per Metre	
24.037	PVC insulated single core copper conductor cable 19/0.052" 250/440 Volts (25 mm ²)	Per Metre	
24.038	PVC insulated single core copper conductor cable 19/0.064" 250/440 Volts (35 mm ²)	Per Metre	
24.039	PVC insulated cotton braided and compounded copper conductor cable 3/0.029" 250/440 Volts	Per Metre	
24.040	PVC insulated cotton braided and compounded copper conductor cable 3/0.036" 250/440 Volts	Per Metre	
24.041	PVC insulated cotton braided and compounded copper conductor cable 7/0.029" 250/440 Volts	Per Metre	
24.042	PVC insulated cotton braided and compounded copper conductor cable 7/0.036" 250/440 Volts	Per Metre	
24.043	PVC insulated cotton braided and compounded copper conductor cable 7/0.044" 250/440 Volts	Per Metre	
24.044	PVC insulated cotton braided and compounded copper conductor cable 7/0.064" 250/440 Volts	Per Metre	
24.045	PVC insulated PVC sheathed single core copper conductor cable 3/0.029" 250/440 Volts	Per Metre	
24.046	PVC insulated PVC sheathed single core copper conductor cable 3/0.036" 250/440 Volts	Per Metre	
24.047	PVC insulated PVC sheathed single core copper conductor cable 7/0.029" 250/440 Volts	Per Metre	
24.048	PVC insulated PVC sheathed single core copper conductor cable 7/0.036" 250/440 Volts	Per Metre	
24.049	PVC insulated PVC sheathed single core copper conductor cable 7/0.044" 250/440 Volts	Per Metre	
24.050	PVC insulated PVC sheathed single core copper conductor cable 7/0.064" 250/440 Volts	Per Metre	
24.051	PVC insulated PVC sheathed single core copper conductor cable 7/0.064" 660/1100 volts grade	Per Metre	
24.052	PVC insulated PVC sheathed single core copper conductor cable 19/0.052" 660/1100 volts grade	Per Metre	
24.053	PVC insulated PVC sheathed single core copper conductor cable 19/0.064" 660/1100 volts grade	Per Metre	
24.054	PVC insulated PVC sheathed single core , copper conductor cable 19/0.083" 660/1100 volts grade	Per Metre	
24.055	PVC insulated PVC sheathed single core , copper conductor cable 37/0.072" 660/1100 volts grade	Per Metre	
24.056	PVC insulated PVC sheathed single core , copper conductor cable 37/0.083" 660/1100 volts grade	Per Metre	
24.057	PVC insulated PVC sheathed single core , copper conductor cable 37/0.103" 660/1100 volts grade	Per Metre	
24.058	PVC insulated, PVC sheathed twin core copper conductor cable 3/0.029" 250/440 volts	Per Metre	
24.059	PVC insulated, PVC sheathed twin core copper conductor cable 3/0.036" 250/440 volts	Per Metre	
24.060	PVC insulated, PVC sheathed twin core copper conductor cable 7/0.029" 250/440 volts	Per Metre	
24.061	PVC insulated, PVC sheathed twin core copper conductor cable 7/0.036" 250/440 volts	Per Metre	
24.062	PVC insulated, PVC sheathed twin core copper conductor cable 7/0.044" 250/440 volts	Per Metre	
24.063	PVC insulated, PVC sheathed twin core copper conductor cable 7/0.064" 250/440 volts	Per Metre	
24.064	PVC insulated, PVC sheathed three core cable 3/0.029" 660/1100 volts	Per Metre	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
24.065	PVC insulated, PVC sheathed three core cable 3/0.036" 660/1100 volts	Per Metre	
24.066	PVC insulated, PVC sheathed three core cable 7/0.029" (2.55mm2) 660/1100 volts	Per Metre	
24.067	PVC insulated, PVC sheathed three core cable 7/0.036"(4mm2) 660/1100 volts	Per Metre	
24.068	PVC insulated, PVC sheathed three core cable 7/0.044" 660/1100 volts	Per Metre	
24.069	PVC insulated, PVC sheathed three core cable 7/0.064" 660/1100 volts	Per Metre	
24.070	PVC sheathed 4 core non armoured cable 3/0.029" 660/1100 volts	Per Metre	
24.071	PVC sheathed 4 core non armoured cable 3/0.036" 660/1100 volts	Per Metre	
24.072	PVC sheathed 4 core non armoured cable 7/0.029" 660/1100 volts	Per Metre	
24.073	PVC sheathed 4 core non armoured cable 7/0.036" 660/1100 volts	Per Metre	
24.074	PVC sheathed 4 core non armoured cable 7/0.044"(6mm2) 660/1100 volts	Per Metre	
24.075	PVC sheathed 4 core non armoured cable 7/0.064"(16mm2) 660/1100 volts	Per Metre	
24.076	PVC sheathed 4 core non armoured cable 19/0.052" 660/1100 volts	Per Metre	
24.077	PVC sheathed armoured with G.I. WIRE 16 SWG cable 19/0.052" 660/1100 volts 4 core	Per Metre	
24.078	PVC sheathed armoured with G.I. WIRE 16 SWG cable 19/0.064" 660/1100 volts 4 core(35mmsq)	Per Metre	
24.079	PVC sheathed armoured with G.I. WIRE 16 SWG cable 19/0.072" 660/1100 volts 4 core(50mmsq)	Per Metre	
24.080	PVC sheathed armoured with G.I. WIRE 16 SWG cable 19/0.083" 660/1100 volts 4 core(70mmsq)	Per Metre	
24.081	PVC sheathed armoured with G.I. WIRE 16 SWG cable 37/0.072" 660/1100 volts 4 core(95mmsq)	Per Metre	
24.082	PVC sheathed armoured with G.I. WIRE 16 SWG cable 37/0.083" 660/1100 volts 4 core(120mmsq)	Per Metre	
24.083	PVC sheathed armoured with G.I. WIRE 16 SWG cable 37/0.093" 660/1100 volts 4 core(150mmsq)	Per Metre	
24.084	PVC sheathed armoured with G.I. WIRE 16 SWG cable 37/0.103" 660/1100 volts 4 core(185mmsq)	Per Metre	
24.085	Aluminium stranded hard drawn bare conductor 7/3.099 mm (7/0.122")	Per Metre	
24.086	Flexible wire 7/3.099 mm (7/.122") {PVC insulated PVC sheathed armoured with G.I wire 16 SWG for service conneciton 3½ core:}	Per Metre	
24.087	Flexible twin wire 23/.0076" (23/0.195mm)	Per Metre	
24.088	PVC wire (3/.029")	Per Metre	
24.089	Capacitor 2.2 UF for ceiling fan	Each	
24.090	M.S Clamp ½" dia (16mm)	Each	
24.091	M.S Clamp ¾" dia (20mm)	Each	
24.092	M.S Clamp 1" dia (25mm)	Each	
24.093	M.S Clamp 1 ¼" dia (32mm)	Each	
24.094	M.S Clamp 1 ½" dia (40mm)	Each	
24.095	M.S Clamp 2" dia (50mm)	Each	
24.096	M.S Clamp 4" dia (100mm)	Each	
24.097	Clamps for electric wiring 15 mm (½")	Each	
24.098	Clamps for electric wiring 20 mm (¾")	Each	
24.099	Clamps for electric wiring 25 mm (1")	Each	
24.100	Clamps for electric wiring 32 mm (1¼")	Each	
24.101	Clamps for electric wiring 40 mm (1½")	Each	
24.102	Clamps for electric wiring 50 mm (2")	Each	
24.103	Clamps for electric wiring 63 mm (2½")	Each	
24.104	Clamps for electric wiring 80 mm (3")	Each	
24.105	Clamps for electric wiring 100 mm (4")	Each	
24.106	PVC Inspection Boxes 15 mm (½")	Per Doz.	
24.107	PVC Inspection Boxes 20 mm (¾")	Per Doz.	
24.108	PVC Inspection Boxes 25 mm (1")	Per Doz.	
24.109	PVC Inspection Boxes 30 mm (1¼")	Per Doz.	
24.110	PVC Inspection Boxes 40 mm (1½")	Per Doz.	
24.111	PVC Inspection Boxes 50 mm (2")	Per Doz.	
24.112	PVC Inspection Boxes 75 mm (3")	Per Doz.	
24.113	PVC Inspection Boxes 100 mm (4")	Per Doz.	
24.114	Chokes 40 watts	Each	
24.115	Chokes 20 watts	Each	
24.116	Round block of Sahl wood	Each	
24.117	GEC design Pole mounted street light with holder shade and glass for fitting 125/250 watts mercury Vapour lamp (excluding cost of lamp) with	Each	
24.118	Street light pole bracket	Each	
24.119	Cost of bracket 1¼" (32 mm) G.I pipe 7 ft. long half round	Each	
24.120	Shackle Insulator for holding insulated wire	Each	
24.121	Pin Insulator green (medium size)	Each	
24.122	Staining screws for stay wire of electric pole	Each	
24.123	Stay wire for electric pole 7/12"	Metre	
24.124	Stay wire for electric pole 7/14"	Metre	
24.125	Bakelite button holder shade large size	Each	
24.126	Bakelite button holder shade Large size	Each	
24.127	Bakelite Button Holder large size	Each	
24.128	Bell push or bed switch	Each	
24.129	Bakelite lamp holder	Each	
24.130	Braket lamp holder	Each	
24.131	Brass bracket with holder	Each	
24.132	Brass bracket with holder	Each	
24.133	Brass Button Holder	Each	
24.134	Call bell 220/250 volts	Each	
24.135	Ceiling rose bakelite	Each	
24.136	Cut out bakelite open type	Each	
24.137	Cut out backolite recessed type	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
24.138	Electric Energy Metre Single Phase} 250 volts 10 AMP	Each	
24.139	Electric Energy Metre Single Phase 250 volts 30 AMP	Each	
24.140	Electric Energy Metre Single Phase 250 volts 60 AMP	Each	
24.141	Three phase 4 wires, 400 volts: 3 x 15 Amps	Each	
24.142	Three phase 4 wires, 400 volts:3 x 50 Amps	Each	
24.143	Three phase 4 wires, 400 volts: 3 x 80 Amps	Each	
24.144	Electric shoe 3 pin 10/15 Amps	Each	
24.145	Wall Shoe 3 pin 5 Amps	Each	
24.146	Wall socket 3 pin 5 Amps	Each	
24.147	Wall socket 3 pin 5 Amps without Shoe.	Each	
24.148	Wall socket 3 pin 10/15 Amp open type	Each	
24.149	Wall socket 3 pin 10/15 Amp recessed type	Each	
24.150	Wall socket 3 pin 10/15 Amp with shoe	Each	
24.151	Flourescent tube 40 watts	Each	
24.152	Starter for Flourscent Tube 40 watts	Each	
24.153	Kit kat fuses 500 volt 15/20 Amp	Each	
24.154	Kit kat fuses 500 volt 30/35 Amp	Each	
24.155	Kit kat fuses 500 volt 60/65 Amp	Each	
24.156	Kit kat fuses 500 volt 100 Amp	Each	
24.157	Kit kat fuses 500 volt 200 Amp	Each	
24.158	Kit kat fuses 500 volt 300 Amp	Each	
24.159	Kit kat fuses 500 volt 400 Amp	Each	
24.160	Kit kat fuses 500 volt 500 Amp	Each	
24.161	Leathoride paper	Job	
24.162	Copper nail 2" / 3"	Each	
24.163	Copper plates 600 x 600 x 3 mm (2' x 2' x 1/8")	Kg	
24.164	Lightining arrestor Horn type	Each	
24.165	Copper enamel wire No. 26 to 32	Kg	
24.166	Soldering and varnishing for A.C. ceiling fan	each	
24.167	Wooden Gutties	Dozen	
24.168	Switch double control open type (5 Amp)	Each	
24.169	Switch double control piano type (5 Amp)	Each	
24.170	Switch double controil ring type recessed (5 Amp)	Each	
24.171	Switch Piano type (5 Amp)	Each	
24.172	Switch plate type recessed (5 Amp)	Each	
24.173	Switch ring type (5 Amp)	Each	
24.174	Double pole 15/20 Amp {Iron/Alminum clad 500 volt main switch with kit kat fuse}	Each	
24.175	Double pole 30/35 Amp {Iron/Alminum clad 500 volt main switch with kit kat fuse}	Each	
24.176	Double pole 60/65 Amp {Iron/Alminum clad 500 volt main switch with kit kat fuse}	Each	
24.177	Double pole 100 Amp {Iron/Alminum clad 500 volt main switch with kit kat fuse}	Each	
24.178	Tripple pole 15/20 Amp {Iron/Alminum clad 500 volt main switch with kit kat fuse}	Each	
24.179	Tripple pole 30/35 Amp {Iron/Alminum clad 500 volt main switch with kit kat fuse}	Each	
24.180	Tripple pole with neutral link 30/35 Amp main switch	Each	
24.181	Tripple pole with neutral link 60/65 Amp main switch	Each	
24.182	Tripple pole with neutral link 100 Amp main switch	Each	
24.183	Iron/Aluminum clad 500 volt main switch with tripple pole and neutral link with HRC fuses: 60/65 Amps	Each	
24.184	Iron/Aluminum clad 500 volt main switch with tripple pole and neutral link with HRC fuses: 100 Amps.	Each	
24.185	Iron/Aluminum clad 500 volt main switch with tripple pole and neutral link with HRC fuses: 150 Amps.	Each	
24.186	Iron/Aluminum clad 500 volt main switch with tripple pole and neutral link with HRC fuses: 200 Amps.	Each	
24.187	Iron/Aluminum clad 500 volt main switch with tripple pole and neutral link with HRC fuses: 300 Amps.	Each	
24.188	Iron/Aluminum clad 500 volt main switch with tripple pole and neutral link with HRC fuses: 400 Amps.	Each	
24.189	Iron/Aluminum clad 500 volt main switch with tripple pole and neutral link with HRC fuses: 500 Amps.	Each	
24.190	Thimble copper 60/65 Amp	Each	
24.191	Thimble copper 100 Amp	Each	
24.192	Thimble 150 Amp.	each	
24.193	Thimble copper 200 Amp	Each	
24.194	Thimble copper 300 Amp	Each	
24.195	Thimble copper 400 Amp	Each	
24.196	Thimble copper 500 Amp	Each	
24.197	G.I bend ½" (15 mm) dia	Each	
24.198	G.I bend ¾" (20 mm) dia	Each	
24.199	G.I bend 1" (25 mm) dia	Each	
24.200	G.I bend 1¼" (32 mm) dia	Each	
24.201	G.I bend 1½" (40 mm) dia	Each	
24.202	G.I. Bend 2" dia (50 mm) dia	Each	
24.203	G.I bend 3" (80 mm) dia	Each	
24.204	M.S. Bend ½" (15 mm) dia	Each	
24.205	M.S. Bend ¾" (20 mm) dia	Each	
24.206	M.S. Bend 1" (25 mm) dia	Each	
24.207	M.S. Bend 1½" (40 mm) dia	Each	
24.208	M.S. Conduit Bend 1¼" (32 mm) dia	Each	
24.209	M.S. Conduit Bend 1½" (40 mm) dia	Each	
24.210	M.S. Conduit Bend 2" (50 mm) dia	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
24.211	PVC Bend ½" (12 mm) dia ordinary	Each	
24.212	PVC Bend ¾" (20 mm) dia ordinary	Each	
24.213	PVC Bend 1" (25 mm) dia ordinary	Each	
24.214	PVC Bend 1¼" (30 mm) dia ordinary	Each	
24.215	PVC Bend 1½" (40 mm) dia ordinary	Each	
24.216	PVC Bend 2" (50 mm) dia ordinary	Each	
24.217	PVC Bend 3" dia (75 mm) ordinary	Each	
24.218	PVC Bend 4" dia (100 mm) ordinary	Each	
24.219	Inspection box ½" (15 mm) dia	Each	
24.220	Inspection box ¾" (20 mm) dia	Each	
24.221	Inspection box 1" (25 mm) dia	Each	
24.222	M.S. Inspection box 1¼" (32 mm) dia	per doz.	
24.223	M.S. Inspection box 1½" (40 mm) dia to 3" (80mm) dia	per doz.	
24.224	Hooks for ½" to 1" dia pipe	Each	
24.225	Hooks for 1¼" to 1½" dia pipe	Each	
24.226	Hook for 2" dia pipe	Each	
24.227	Hook for 3" dia pipe	Each	
24.228	M.S. Conduit pipe ½" (15 mm) dia	Per Mtr	
24.229	M.S. Conduit pipe ¾" (20 mm) dia	Per Mtr	
24.230	M.S. Conduit pipe 1" (25 mm) dia	Per Mtr	
24.231	M.S. Conduit pipe 1¼" (32 mm) dia	Per Mtr	
24.232	M.S. Conduit pipe 1½" (40 mm) dia	Per Mtr	
24.233	M.S. Conduit pipe 2" (50 mm) dia	Per Mtr	
24.23	PVC pipe ½" (12 mm) dia (conduit)	Per Mtr	
24.235	PVC pipe ¾" (20 mm) dia (conduit)	Per Mtr	
24.236	PVC pipe 1" (25 mm) dia (conduit)	Per Mtr	
24.237	PVC pipe 1¼" (30 mm) dia (conduit)	Per Mtr	
24.238	PVC pipe 1½" (40 mm) dia (conduit)	Per Mtr	
24.239	PVC pipe 2" (50 mm) dia (conduit)	Per Mtr	
24.240	PVC Pipe 3" dia (75 mm) (conduit)	Per Mtr	
24.241	PVC Pipe 4" dia (100 mm) (conduit)	Per Mtr	
24.242	PVC Flexible Pipe ½" (12 mm) dia	Per Mtr	
24.243	G.I. pipe ½" dia (15 mm i/d)	Per Mtr	
24.244	G.I. Pipe ¾" dia (20 mm i/d)	Per Mtr	
24.245	G.I. Pipe 1" dia (25 mm i/d)	Per Mtr	
24.246	G.I. pipe 1¼" dia (32 mm i/d)	Per Mtr	
24.247	G.I. pipe 1½" dia (40 mm i/d)	Per Mtr	
24.248	G.I. pipe 2" dia (50 mm i/d)	Per Mtr	
24.249	G.I. pipe 3" dia (75 mm i/d)	Per Mtr	
24.250	G.I. Flexible Pipe ½" (12 mm) dia	per mtr.	
24.251	G.I. Flexible Pipe ¾" (20 mm) dia	per mtr.	
24.252	G.I. Flexible Pipe 1" (25 mm) dia	per mtr.	
24.253	G.I. Flexible Pipe 1¼" (32 mm) dia	per mtr.	
24.254	G.I. Flexible Pipe 1½" (40 mm) dia	per mtr.	
24.255	G.I. Flexible Pipe 2" (50 mm) dia	per mtr.	
24.256	G.I. Flexible Pipe 3" (80 mm) dia	per mtr.	
24.257	G.I. Flexible pipe 4" (100 mm)	Each	
24.258	Screws 1" (25 mm) long	Dozen	
24.259	Screws 2" (50 mm) long	Dozen	
24.260	Screws 3" (75 mm) long	Dozen	
24.261	Screws 4" (100 mm) long	Dozen	
24.262	Screws 6" (150 mm) long	Dozen	
24.263	G.I reducing socket size 2 x ½" (50 x 13 mm)	Each	
24.264	G.I Reducing socket 2 x ¾" dia (50 x 20 mm)	Each	
24.265	Boring ½" dia	Metre	
24.266	G.I. Socket ½" (12 mm) dia	Each	
24.267	G.I. Socket ¾" (20 mm) dia	Each	
24.268	G.I. Socket 1" (25 mm) dia	Each	
24.269	G.I. Socket 1¼" (32 mm) dia	Each	
24.270	G.I. Socket 1½" (40 mm) dia	Each	
24.271	G.I. Socket 2" (50 mm) dia	Each	
24.272	G.I. Socket 3" (80 mm) dia	Each	
24.273	Brass Socket 1½" (40 mm) dia	Each	
24.274	Brass Socket 2" (50 mm) dia	Each	
24.275	Brass Socket 4" (100 mm) dia	Each	
24.276	PVC Socket ½" (12 mm) dia	Each	
24.277	G.I. Nipple ½" (12 mm) dia	Each	
24.278	G.I. Nipple ¾" (20 mm) dia	Each	
24.279	G.I. Nipple 1" (25 mm) dia	Each	
24.280	G.I. Nipple 1¼" (32 mm) dia	Each	
24.281	G.I. Nipple 1½" (40 mm) dia	Each	
24.282	G.I. Nipple 2" (50 mm) dia	Each	
24.283	G.I. Nipple 3" (80 mm) dia	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
24.284	Brass nipple 1" dia (25mm)	Each	
24.285	Brass Nipple 1¼" dia (32 mm)	Each	
24.286	Brass Nipple ½" (40 mm) dia	Each	
24.287	Brass Nipple 2" (50 mm) dia	Each	
24.288	Brass Nipple 4" (100 mm) dia	Each	
24.289	PVC Nipple ½" (12 mm) dia	Each	
24.290	Brass Check nut ½" (12 mm) dia	Each	
24.291	Brass check nut 1½" (40 mm)	Each	
24.292	Brass check nut 1" (25 mm)	Each	
24.293	Brass check nut 1¼" (32 mm)	Each	
24.294	Brass check nut 2" (50 mm)	Each	
24.295	Brass check nut 4" (100 mm)	Each	
24.296	Check Nuts ½" (12 mm) dia	Each	
24.297	Check Nuts ¾" (20 mm) dia	Each	
24.298	Check Nuts 1" (25 mm) dia	Each	
24.299	Check Nuts 1¼" (32 mm) dia	Each	
24.300	Check Nuts 1½" (40 mm) dia	Each	
24.301	Check Nuts 2" (50 mm) dia	Each	
24.302	Check Nuts 3" (80 mm) dia	Each	
24.303	M.S Box 4" x 4" (100 x 100 mm) 16SWG	Each	
24.304	M.S Box 7" x 4" (175 x 100 mm) 16SWG	Each	
24.305	M.S Box 9" x 4" (225 x 100 mm) 16SWG	Each	
24.306	M.S Box 8" x 10" (200 x 250 mm) 16SWG	Each	
24.307	M.S Box 10" x 12" (250 x 300 mm) 16SWG	Each	
24.308	M.S Box 12" x 14" (300 x 350 mm) 16SWG	Each	
24.309	Angle iron board including paints (9"x9"x1½")	Each	
24.310	Angle Iron board including paint (9"x12"x1½")	Each	
24.311	Angle Iron board including paint (10"x12"x1½")	Each	
24.312	Angle Iron board including paint (12"x15"x1½")	Each	
24.313	Angle Iron board including paint (12"x18"x1½")	Each	
24.314	Angle Iron board including paint (10"x15"x1½")	Each	
24.315	Anle Iron board including paint (15"x18"x1½")	Each	
24.316	Copper strip 1½" x 1/8" x 14" (40 x 3 x 350 mm)	Each	
24.317	Copper strip 14" x 2" x 1/8" to 3/16" (350 x 50 x 3 mm to 6 mm)	Each	
24.318	Copper strip 14" x 2" x 1/4" (350 x 50 x 6 mm) to 6mm	Each	
24.319	Rag bolts 9" x 5/8" (225 x 16 mm)	Each	
24.320	Reg bolts 12" x 5/8" (300 x 16 mm)	Each	
24.321	Eye bolts	Each	
24.322	Eye bolts (bigger size) for straining posts, stiffening posts & intermediate posts	Each	
24.323	PVC/weather proof cable 3/0.029" (3/0.74 mm) Single core	per mtr.	
24.324	PVC/weather proof cable 7/0.029" (7/0.74 mm) Single core	per mtr.	
24.325	PVC/weather proof cable 7/0.036" (7/0.91 mm) Single core	per mtr.	
24.326	PVC/weather proof cable 7/0.044" (7/1.12 mm) Single core	per mtr.	
24.327	Nut & Screw	Each	
24.328	Straining Screw for electric pole	Each	
24.329	Sal wood casing for wiring	Per mtr.	
24.330	Wooden strip casing	Per % mtr.	
24.331	Insulated cleat (small)	Each	
24.332	Insulated cleat (big size)	Each	
24.333	Leather or wooden cleats	Each	
24.334	M.S Hooks	Each	
24.335	M.S bar hook 3/8" (10 mm) dia	Each	
24.336	Canopy nipple & hook	Per Job	
24.337	Hook 5/8" (16 mm) with nut & bolts	Each	
24.338	Girder clamp hook 5/8" (16 mm)	Each	
24.339	PVC bushes ½" (12 mm) dia	Each	
24.340	Glazed porcelain (Imported)	Each	
24.341	Glazed Porcelain counter weight with accessories	Each	
24.342	VIR/PVC cable 3/0.29	per mtr.	
24.343	Brass lamp holder	Each	
24.344	Brass lamp holder	Each	
24.345	Brass lamp holder	Each	
24.346	Double cone reflector	Each	
24.347	Switch ring type	Each	
24.348	Switch 10/15 Amp	Each	
24.349	Switch 10/15 Amp. recessed	Each	
24.350	Plug 3 pin and switch (combined/recessed) 5 Amp.	Each	
24.351	Plug 3 pin and switch (combined/recessed) 10/15 Amp.	Each	
24.352	Pole mounted street light holder shade and glass	each	
24.353	Frame with holder	Per Job	
24.354	Frame set	Per Job	
24.355	Round tube 32 watts	Each	
24.356	Starter (Philips)	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
24.357	Choke	Each	
24.358	Holder	Each	
24.359	Base patti for tube light	Each	
24.360	Ball bearing size (6201, 6202, 6203) Japan made	Each	
24.361	Plastic cover	Each	
24.362	Handle chromium plated for iron box	Each	
24.363	Nut & bolts 1/2" (12 mm) dia 1 1/2" (40 mm) long	Each	
24.364	T - Iron 1/4" x 1 1/2" x 1 1/2" x 5 1/2"	P.kg	
24.365	Clamps	P. Kg.	
24.366	Steel channel 75 x 40 x 3 mm	P.Kg.	
24.367	steel plate 3"x1 1/2"x1/2" (75x40x40 mm)	P.Kg.	
24.368	Steel plate 3"x 3/4" x 3/4" (75 x 20 x 20 mm)	P.Kg.	
24.369	Bolts and nuts 5/8" dia (16 mm)	Each	
24.370	Double clamp for anchor rod henley type for pole	Each	
24.371	Double clamp 9" dia (225 mm)	Each	
24.372	Clamps with bolts & nuts etc. for street pole	Each	
24.373	Clamp double for erection of house service pipe Henley	Each	
24.374	Clamp 2" dia (50 mm)	Each	
24.375	Steel clamp 1/2" dia (12 mm)	Each	
24.376	G.I clamp (small)	Each	
24.377	G.I. Clamp (large)	Each	
24.378	Pole clamp with bolt & nuts for street light pole	Each	
24.379	Shakle insulator	Each	
24.380	M.S bolts for suport	Each	
24.381	Copper wire No.2 to 10	per kg	
24.382	G.I wire (all size)	per kg	
24.383	Cut out	Each	
24.384	Wooden & leather cleats	Each	
24.385	Vapour mercury lamp 125 watt with choke set	Each	
24.386	Vapour mercury lamp 250 watt with choke set	Each	
24.387	Silver paint	P.Gln	
24.388	G.I Nuts & Bolts 2" long 1/2" Ø (50 mm x 13 mm)	Each	
24.389	G.I Nuts & Bolts 1 1/2" x 1/4" long (40 x 6 mm)	Each	
24.390	Copper wire No.16 & 20 SWG	per kg	
24.391	Copper Wire Old	per kg	
24.392	Enamal wire No.26 SWG to 32 SWG	per kg	
24.393	Copper tap 1 1/2" to 2" x 1/8"	per kg	
24.394	Copper rod 1" dia (25 mm)	per kg	
24.395	Copper nail (small)	Each	
24.396	Copper stapple	Each	
24.397	Soldering and Vernishing	Each	
24.398	Salt	per kg	
24.399	Loop wire 4 loop 3/0.029 (3/0.74 mm)	Rft	
24.400	Knob with shaff and plate	each	
25.001	Locking arrangements with sliding bolt 1 1/2" long and 1" dia	Each	
25.002	Hard wood stair railing	Rft	
25.003	M.S.Channels	Kg	
25.004	Steel beam	Kg	
25.005	Steel chisel	P.Kg.	
25.006	Grating 3/4"x3/4" size	P.Kg.	
25.007	M.S. Box section of 16 SWG 1 1/2" x 3" hand rail	P.Rft	
25.008	Conduit pipe 2" dia including specials	P.Ft	
25.009	Roller 3" dia	Each	
25.010	Rivets with heads 2 1/2" long	Each	
25.011	Rivets 1 1/2" long	Each	
25.012	Locking arrangement collapsible gate	Each	
25.013	Handles 12" long of 3/4" x 1/4" steel channels for collapsible gate	Each	
25.014	GI sheet 24 SWG	P.Kg.	
25.015	GI bracket for railing shutter	Each	
25.016	GI Holdfast for railing shutter	Each	
25.02	GI Pipe 1 1/2" dia (light quality)	P. Rft	
25.018	Handle for railing shutter	Each	
25.019	GI spring for railing shutter	Each	
25.020	Rolling gear for railing shutter	Each	
25.021	Iron Holdfast for steel windows	Each	
25.022	GI pipe 2 1/2" dia (light quality)	P. Rft	
25.023	Window hinges 1/4" thick with 5/16" dia pins	Each	
25.024	Brass casement handle 6" for steel windows	Each	
25.025	Mild steel casement stay 15" long for steel windows	Each	
25.026	Wooden strips for fixing glass pans	P.Rft	
25.027	Steel glazing clips for fixing glass panes	Each	
25.028	Glass panes 2 mm thick	P. Sft.	
25.029	Glass panes 2.5 mm thick	P. Sft.	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
25.030	Glass panes 3 mm thick	P. Sft.	
25.031	Glass panes 4 mm thick	P. Sft.	
25.032	Glass panes 5 mm thick	P. Sft.	
25.033	M.S. moulded tubular pipe of 18 SWG	P.Kg.	
25.034	Brass hinges (4" long)	Each	
25.035	Brass Handles (4" long)	Each	
25.036	U' shapped rubber lining (½" thick)	P. Rft	
25.037	Wire gauze galvanized 24 SWG (12x 12 mesh)	P.Sft.	
25.038	½ x ½ M.S square box of 16 SWG for fixing wire gauge	P. Kg.	
25.039	C.P. tower bolt (225 mm long)	Each	
25.040	Brass handle special type for steel windows	Each	
25.041	G.I. Stay for windows	Each	
25.042	Grill of M.S. flat ½"x 1/8" with frame	P. Sft.	
25.043	Cost of flaps including hinges for G.I. Pipes	Each	
25.044	Steel grating	P.Sft	
25.045	1½ ft. long M.S. U-Clamp ¾" dia threaded at both ends including nuts complete.	Each	
25.046	Painting small detached articles not exceeding 1" sft.	Each	
25.047	Aluminum frame 100x20mm (4"x ¾")	Rft	
25.048	Aluminum frame 100x40mm (4" x 1½")	Rft.	
25.049	Aluminum frame 60x40mm (1½" x 2½")	Rft.	
25.050	Aluminum frame 50x20mm (2" x ¾")	Rft.	
25.051	Aluminum leaf edging for aluminium windows	Rft.	
25.052	Tinted glass 5mm thick (Imported)	Sft.	
25.053	Aluminum tringular gola and gasket	Rft.	
25.054	Pivot for aluminium doors	Each	
25.055	Alimuninum tower bolt 9" long	Each	
25.056	locking arrangement	Each	
25.057	Handle Large	Rft	
25.058	Rubber gasket for Aluminium Windows	Rft.	
25.059	Latch for Aluminium Windows	Each	
25.060	Steam Coal	P. Kg.	
26.001	7 Strand barbed wire	P.Kg.	
26.002	Anti termite (As per approved manufacturer)	P-Ltr	
26.003	Cane Singapore	Per Kg.	
26.004	¾" dia washers for straining posts, stiffening posts & intermediate posts	Dozen	
26.005	Cost of bamboo 10' to 12' long	Each	
26.006	Cost of iron shoes for survey Jhandy	Each	
26.007	Cost of red cloth for survey Jhandy	Each	
26.008	Cost of ordinary wood for pegs	P. Cft.	
26.009	Hooks for fixing iron gauges	Dozen	
26.010	Filling cement bags with coal	Per Kg.	
26.011	Cost of manure	per Cart	
26.012	Polythene sheet of 300 gauge (0.003 thick)	P.Kg.	
26.013	Soap	P. Kg.	
26.014	Eye bolt	Each	
26.015	Primer (Zinc)	P. Kg.	
26.016	Weather Shield Paint / Weather Coat	P. Lt	
23.44	Drilling bore holes with reverse rotary in ordinary soil except shingle gravel and rock.(upto 24" dia)	Per Rft	
18.02	Bitumen (Packed) Grade 80/100 (NRL / PARCO) AT SITE (Ref # 10.023)	P.kg	
23.44	Graded Pea Gravel ¾" - 1/8" for Tubewell Boring (at site)	P.% Cft	
18.02	Bitumen (Bulk) Grade 60/70 (only for plant premixed item # 10)	P.kg	
10.040	Pre-cast PCC Paver / Tuff Tiles (7000 PSI) thickness -50mm (Grey) at site	PSft	
10.04	Pre-cast PCC Paver / Tuff Tiles (7000 PSI) thickness -50mm (Coloured) at site	PSft	
10.04	Pre-cast PCC Paver / Tuff Tiles (7000 PSI) thickness -60mm (Grey) at site	PSft	
10.04	Pre-cast PCC Paver / Tuff Tiles (7000 PSI) thickness -60mm (Coloured) at site	PSft	
10.04	Pre-cast PCC Paver / Tuff Tiles (7000 PSI) thickness -80mm (Grey) at site	PSft	
10.05	Pre-cast PCC Paver / Tuff Tiles (7000 PSI) thickness -80mm (Coloured) at site	PSft	
09.041	Insulation 1" thick (Extruded Polystyrene XPS in Rigid Insulation / Foam Board)	PSft	
09.042	Insulation 1-1/2" thick (Extruded Polystyrene XPS in Rigid Insulation / Foam Board)	P.Sft	
09.043	Insulation 2" thick (Extruded Polystyrene XPS in Rigid Insulation / Foam Board)	P.Sft	
25.061	Aluminum frame 100mm x 30mm x 2mm (Champ)	P.Rft	
25.062	Aluminum frame 45mm x 25mm x 2mm (Champ)	P.Rft	
25.063	Aluminum frame 60mm x 23mm x 2mm (Champ)	P.Rft	
25.064	Aluminum frame 45mm x 25mm x 2mm (Champ)	P.Rft	
25.065	Top and Side Frame 100 mm x 30mm x 2mm (Champ)	P.Rft	
25.066	Jali leaf frame 43mm x 13mm x 1.60mm (Champ)	P.Rft	
25.067	Aluminum Jali (Champ)	P.Sft	
25.068	Glass Frame Wheel	Each	
25.069	Brush Chennel	P.Rft	
25.070	Stopper for Aluminum Window	Each	
25.071	Aluminum frame 100mm x 30mm x 1.6mm (Champ)	P.Rft	
25.072	Aluminum frame 45mm x 25mm x 1.6mm (Champ)	P.Rft	
25.073	Aluminum frame 60mm x 23mm x 1.6mm (Champ)	P.Rft	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
25.074	Aluminum frame 45mm x 25mm x 1.6mm (Champ)	P.Rft	
25.075	Top and Side Frame 100 mm x 30mm x 1.6mm (Champ)	P.Rft	
23.440	A.C/F.C pressure pipe 700 mm (28") dia Class 'B' BSS with comet joint and rubber rings.	P.Rft	
23.44	A.C/F.C pressure pipe 800 mm (32") dia Class 'B' BSS with comet joint and rubber rings.	P.Rft	
23.442	A.C/F.C pressure pipe 1000 mm (40") dia Class 'B' BSS with comet joint and rubber rings.	P.Rft	
23.44	90 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.444	110 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.45	125 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.446	160 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.45	180 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.448	200 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.45	225 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.450	250 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.45	315 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.452	355 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.45	400 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.454	450 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.46	500 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.456	560 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.46	630 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.458	710 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.459	800 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.46	900 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.461	1000 mm High Density Polyethelene Pipe (PE-100) (PN-6) SDR-26	P.Rft	
23.47	90 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.467	110 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.468	125 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.47	160 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.470	180 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.471	200 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.47	225 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.473	250 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.474	315 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.475	355 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.476	400 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.477	450 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.478	500 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.479	560 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.480	630 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.481	710 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.482	800 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.483	900 mm High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.484	1000 High Density Polyethelene Pipe (PE-100) (PN-8) SDR-21	P.Rft	
23.485	90 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.486	110 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.487	125 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.488	160 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.489	180 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.490	200 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.491	225 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.492	250 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.493	315 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.494	355 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.495	400 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.496	450 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.497	500 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.498	560 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.499	630 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.500	710 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.501	800 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.502	900 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.503	1000 mm High Density Polyethelene Pipe (PE-100) (PN-10) SDR-17	P.Rft	
23.504	90 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.505	110 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.506	125 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.507	160 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.508	180 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.509	200 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.510	225 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.511	250 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.512	315 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.513	355 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.514	400 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
23.515	450 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.516	500 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.517	560 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.518	630 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.519	710 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.520	800 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.521	900 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.522	1000 mm High Density Polyethelene Pipe (PE-100) (PN-12.5) SDR-13.6	P.Rft	
23.523	90 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.524	110 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.525	125 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.526	160 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.527	180 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.528	200 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.529	225 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.530	250 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.531	315 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.532	355 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.533	400 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.534	450 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.535	500 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.536	560 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.537	630 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.538	710 mm High Density Polyethelene Pipe (PE-100) (PN-16) SDR-11	P.Rft	
23.539	90 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.540	110 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.541	125 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.542	160 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.543	180 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.544	200 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.545	225 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.546	250 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.547	315 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.548	355 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.549	400 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.550	450 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.551	500 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.552	560 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.553	630 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
23.554	710 mm High Density Polyethelene Pipe (PE-100) (PN-20) SDR-9	P.Rft	
13.024	Thermoplastic Paint (Reflective Paint)	P.Kg	
13.025	Glass Beads	P.Kg	
23.555	LPG (Boiler & Machinery) for thermoplastic paint	P.Kg	
25.076	Aluminum frame 38mm x 12mm x 1.6mm	P.Rft	
25.077	Aluminum Fly Screen	P.Sft	
25.078	Rubber Gaskit	P.Rft	
06.048	Drilling bore holes with reverse rotary in ordinary soil except shingle gravel and rock.(from 25" to 30" dia)	P.Rft	
06.049	Drilling bore holes with reverse rotary in ordinary soil except shingle gravel and rock.(from 31" to 55" dia)	P.Rft	
06.050	Drilling bore holes with reverse rotary in ordinary soil except shingle gravel and rock.(from 56" to 86" dia)	P.Rft	
06.051	Tungsten Carbide Bits	per set	
06.052	Kerb Stone 300 mm x 350 mm x 150 mm	Each	
06.053	Super Plasticizer	Each	
18.019	Expansion Joints Alluminium Alloy 25-50mm Flat plate Type	Each	
18.020	Expansion Joints Alluminium Alloy 40-80mm Flat plate Type	Each	
18.021	Expansion Joints Alluminium Alloy 50-100mm Flat plate Type	Each	
18.022	GI Sheet 14 guage	P.Kg	
18.023	Aluminum Sheet 3mm	P.kg	
18.024	Reflecting mirror (convex type) of 36 inch diameter (Stainless steel made)	Each	
18.025	Reflecting mirror (convex type) of 36 inch diameter (Acrylic made)	Each	
18.026	Pipe cover 2"	Each	
18.027	High Intensity Prismatic (HIP) Tape i/c printing & lamination	Each	
18.028	Diamond Grade Tape i/c printing & lamination	Each	
18.029	Road Stud 8x4x2 (un directional)	Each	
18.030	Road Stud 6x4x1.75 (un directional)	Each	
18.031	Road Stud 8x4x2 (dual directional)	Each	
18.032	Road Stud 6x4x1.75 (dual directional)	Each	
18.033	Steel Nails 2"	p.doz	
18.034	L-Type Delineator (Acrylic)	Each	
18.035	L-Type Delineator (Aluminium 3mm thick)	Each	
18.036	Plastic Barier 6.5'x2.5'	LS	
18.037	Traffic Safety Cones (18" high, Bottom dia 13" & Top dia 2-1/2")	LS	
18.038	Traffic Safety Cones (28" high, Bottom dia 13-3/4" & Top dia 2-1/2")	LS	
18.039	Traffic Safety Cones (36" high, Bottom dia 15" & Top dia 2-1/2")	LS	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
18.040	Flexible post 300mm high	Each	
18.041	Flexible post 600mm high	Each	
18.042	Flexible post 700mm high	Each	
18.043	Flexible post 750mm high	Each	
18.044	Berm-indicator 100x75x110	Each	
18.045	Berm-indicator 80x50x16	Each	
23.555	Bentonite Clay	P.kg	
18.046	Elastomeric Baring Pad Without Anchorage (7.50 x 16.3871)(Plain)Grade-50	Per cu.in	
18.047	Elastomeric Baring Pad With Anchorage (7.50 x 16.3871)(Plain)Grade-50	Per cu.in	
18.048	Elastomeric Baring Pad Without Anchorage (7.50 x 16.3871)(Leminated) Grade-50	Per cu.in	
18.049	Elastomeric Baring Pad With Anchorage (7.50 x 16.3871)(Leminated)Grade-50	Per cu.in	
18.050	Elastomeric Baring Pad Without Anchorage (7.50 x 16.3871)(Plain)Grade-60	Per cu.in	
18.051	Elastomeric Baring Pad With Anchorage (7.50 x 16.3871)(Plain)Grade-60	Per cu.in	
18.052	Elastomeric Baring Pad Without Anchorage (7.50 x 16.3871)(Leminated)Grade-60	Per cu.in	
18.053	Elastomeric Baring Pad With Anchorage (7.50 x 16.3871)(Leminated)Grade-60	Per cu.in	
18.054	Elastomeric Baring Pad Without Anchorage (7.50 x 16.3871)(Plain)Grade-70	Per cu.in	
18.055	Elastomeric Baring Pad With Anchorage (7.50 x 16.3871)(Plain)Grade-70	Per cu.in	
18.056	Elastomeric Baring Pad Without Anchorage (7.50 x 16.3871)(Leminated)Grade-70	Per cu.in	
18.057	Elastomeric Baring Pad With Anchorage (7.50 x 16.3871)(Leminated)Grade-70	Per cu.in	
18.058	High Intensity Prismatic (HIP) Tape i/c printing & lamination	P.Sft	
18.059	Diamond Grade Tape i/c printing & lamination	P.Sft	
18.060	Unifloats of required size & shape	P.Job	
18.061	Cat Eye 38 Glass Beads Acrylic material (Dual Directional)	Each	
18.062	Cat Eye 62 Glass Beads Acrylic material (Dual Directional)	Each	
18.063	Cat Eye (Acrylic material) Micro Cube Corner Spark glow reflectors (Dual Directional)	Each	
18.064	Cat Eye 31 Glass Beads Acrylic material (Uni Directional)	Each	
18.065	Cat Eye 42 Glass Beads Acrylic material (Uni Directional)	Each	
18.066	Cat Eye 42 Glass Beads Aliminum Alloy (Dual Directional)	Each	
18.067	Cat Eye 86 Glass Beads Aliminum Alloy (Dual Directional)	Each	
18.068	Cat Eye (Aliminum Alloy) Micro Cube Corner Spark glow reflectors (Dual Directional)	Each	
18.069	Cat Eye 31 Glass Beads Aliminum Alloy (Uni Directional)	Each	
18.070	Cat Eye 43 Glass Beads Aliminum Alloy (Uni Directional)	Each	
18.071	Double Face Reflector (red) of approved quality	Each	
18.072	Expansion Joints Alluminium Alloy 25-50mm Saw-tooth Type	P.Rft	
18.073	Expansion Joints Alluminium Alloy 40-80mm Saw-tooth Type	P.Rft	
18.074	Expansion Joints Alluminium Alloy 50-100mm Saw-tooth Type	P.Rft	
18.075	Expansion Joints Alluminium Alloy 25-50mm Finger /Comb Plate Type	P.Rft	
18.076	Expansion Joints Alluminium Alloy 40-80mm Finger /Comb Plate Type	P.Rft	
18.077	Expansion Joints Alluminium Alloy 50-100mm Finger /Comb Plate Type	P.Rft	
19.129	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 41/SN-4) 1-1/4"	100Rft	
19.130	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 41/SN-4) 1-1/2"	100Rft	
19.131	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 41/SN-4) 2"	100Rft	
19.132	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 41/SN-4) 3"	100Rft	
19.133	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 41/SN-4) 4"	100Rft	
19.134	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 41/SN-4) 6"	100Rft	
19.135	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 41/SN-4) 7.5"	100Rft	
19.136	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 32.5/SN-8) 1-1/4"	100Rft	
19.137	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 32.5/SN-8) 1-1/5"	100Rft	
19.138	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 32.5/SN-8) 2"	100Rft	
19.139	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 32.5/SN-8) 3"	100Rft	
19.140	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 32.5/SN-8) 4"	100Rft	
19.141	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 32.5/SN-8) 6"	100Rft	
19.142	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe (SDR 32.5/SN-8) 7.5"	100Rft	
19.143	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe P.Trap 3"	Each	
19.144	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe P.Trap 4"	Each	
19.145	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe Multi Trap 3"	Each	
19.146	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe Multi Trap 4"	Each	
19.147	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe Vent Cowel 2"	Each	
19.148	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe Vent Cowel 3"	Each	
19.149	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe Vent Cowel 4"	Each	
19.150	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe Clean Out 3"	Each	
19.151	µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe Clean Out 4"	Each	
19.152	Yellow Polyethelene flexible gas pipe 3/4"	100Rft	
19.153	Yellow Polyethelene flexible gas pipe 1"	100Rft	
19.154	Yellow Polyethelene flexible gas pipe 1-1/4"	100Rft	
19.155	Yellow Polyethelene flexible gas pipe 1-1/2"	100Rft	
19.156	Yellow Polyethelene flexible gas pipe 2"	100Rft	
23.556	G-II (1-1/4"x3/4") with 1 HP Electric Motor, 21-Mtr Suction and 21 M delivery head single Phase	Each	
23.557	G-IV (2-1/2"x2") with 2.5 HP Electric Motor, 38-Mtr Suction and 38 M delivery head	Each	
23.558	Ejector	Each	
23.559	CP heavy duty brass Ball valve with CP handle (Faisal/Sonex / Master)1/2"dia	Each	
23.560	CP heavy duty brass Ball valve with CP handle (Faisal/ Sonex/ Master) 3/4"dia	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
23.561	CP heavy duty brass Ball valve with CP handle (Faisal/Sonex / Master) 1"dia	Each	
23.562	CP heavy duty brass Ball valve with CP handle (Faisal/Sonex / Master)1-1/4"dia	Each	
23.563	CP heavy duty brass Ball valve with CP handle (Faisal/Sonex / Master)1-1/2"dia	Each	
23.564	CP heavy duty brass Ball valve with CP handle (Faisal/Sonex / Master)2"dia	Each	
23.565	CP heavy duty brass Ball valve with CP handle (Faisal/Sonex / Master)2-1/2"dia	Each	
23.566	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-16 (1/2")20mm	PM	
23.567	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-16 (3/4")25mm	PM	
23.568	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-16 (1")32mm	PM	
23.569	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-16 (1-1/4")40mm	PM	
23.570	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-16 (1-1/2")50mm	PM	
23.571	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-16 (2")63mm	PM	
23.572	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-16 (2-1/4")75mm	PM	
23.573	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-16 (2-1/2")90mm	PM	
23.574	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-16 (3")110mm	PM	
23.575	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-20 (1/2")20mm	PM	
23.576	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-20 (3/4")25mm	PM	
23.577	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-20 (1")32mm	PM	
23.578	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-20 (1-1/4")40mm	PM	
23.579	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-20 (1-1/2")50mm	PM	
23.580	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-20 (2")63mm	PM	
23.581	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-20 (2-1/4")75mm	PM	
23.582	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-20 (2-1/2")90mm	PM	
23.583	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-20 (3")110mm	PM	
23.584	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-25 (1/2")20mm	PM	
23.585	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-25 (3/4")25mm	PM	
23.586	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-25 (1")32mm	PM	
23.587	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-25 (1-1/4")40mm	PM	
23.588	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-25 (1-1/2")50mm	PM	
23.589	(PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) PN-25 (2")63mm	PM	
23.590	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (1/2") Schedule-40	100 Rft	
23.591	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (3/4") Schedule-40	100 Rft	
23.592	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (1") Schedule-40	100 Rft	
23.593	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (1-1/4") Schedule-40	100 Rft	
23.594	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (1-1/2") Schedule-40	100 Rft	
23.595	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (2") Schedule-40	100 Rft	
23.596	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (3") Schedule-40	100 Rft	
23.597	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (4") Schedule-40	100 Rft	
23.598	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (6") Schedule-40	100 Rft	
23.599	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (8") Schedule-40	100 Rft	
23.600	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (10") Schedule-40	100 Rft	
23.601	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (20") Schedule-40	100 Rft	
23.602	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (1/2") Schedule-80	100 Rft	
23.603	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (3/4") Schedule-80	100 Rft	
23.604	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (1") Schedule-80	100 Rft	
23.605	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (1-1/4") Schedule-80	100 Rft	
23.606	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (1-1/2") Schedule-80	100 Rft	
23.607	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (2") Schedule-80	100 Rft	
23.608	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (3") Schedule-80	100 Rft	
23.609	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (4") Schedule-80	100 Rft	
23.610	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (6") Schedule-80	100 Rft	
23.611	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (8") Schedule-80	100 Rft	
23.612	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (10") Schedule-80	100 Rft	
23.613	μ-PVC Schedule pipe (Dadex/Popular / Beta / BBJ) for water supply (20") Schedule-80	100 Rft	
23.614	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 1/2"	100 Rft	
23.615	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 3/4"	100 Rft	
23.616	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 1"	100 Rft	
23.617	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 1-1/4"	100 Rft	
23.618	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 1-1/2"	100 Rft	
23.619	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 2"	100 Rft	
23.620	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 2-1/2"	100 Rft	
23.621	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 3"	100 Rft	
23.622	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 4"	100 Rft	
23.623	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 5"	100 Rft	
23.624	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 6"	100 Rft	
23.625	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 8"	100 Rft	
23.626	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 10"	100 Rft	
23.627	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 12"	100 Rft	
23.628	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 14"	100 Rft	
23.629	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 16"	100 Rft	
23.630	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 18"	100 Rft	
23.631	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 20"	100 Rft	
23.632	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 24"	100 Rft	
23.633	MS Seamless Sch pipe, Grade-B, ASTM-106 (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) 30"	100 Rft	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
23.707	Gasket (2-1/2" to 6" dia)	Each	
23.708	Gasket (above 6" dia)	Each	
23.709	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Bronze	Each	
23.710	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Bronze	Each	
23.711	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Bronze	Each	
23.712	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Bronze	Each	
23.713	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Bronze	Each	
23.714	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Bronze	Each	
23.715	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Flange	Each	
23.716	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Flange	Each	
23.717	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Flange	Each	
23.718	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Flange	Each	
23.719	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Flange	Each	
23.720	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Flange	Each	
23.721	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Flange	Each	
23.722	Heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan)Flange	Each	
23.723	Flanges i/c nut/bolt (2-1/2" to 12" dia)	LS	
23.724	Gasket (2-1/2" to 6" dia)	Each	
23.725	Gasket (8" to 12" dia)	Each	
23.726	Heavy duty Brass PN-16 air Vents (Pipe Risers) to expel air (Automatic) 1/2" dia	Each	
23.727	Heavy duty Brass PN-16 air Vents (Pipe Risers) to expel air (Automatic) 3/4" dia	Each	
23.728	Heavy duty Brass PN-16 air Vents (Pipe Risers) to expel air (Automatic) 1" dia	Each	
23.729	Heavy duty Brass PN-16 air Vents (Pipe Risers) to expel air (Manual) 1/2" dia	Each	
23.730	Heavy duty Brass PN-16 air Vents (Pipe Risers) to expel air (Manual) 3/4" dia	Each	
23.731	Heavy duty Brass PN-16 air Vents (Pipe Risers) to expel air (Manual) 1" dia	Each	
23.732	Heavy duty Pressure Relief Valve for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan) Bronze Threaded Valves (3/4" dia)	Each	
23.733	Heavy duty Pressure Relief Valve for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan) Bronze Threaded Valves (1" dia)	Each	
23.734	Heavy duty Pressure Relief Valve for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan) Bronze Threaded Valves (1-1/2" dia)	Each	
23.735	Heavy duty Pressure Relief Valve for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan) Bronze Threaded Valves (2" dia)	Each	
23.736	Heavy duty Pressure Relief Valve for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan) Bronze Threaded Valves (2-1/2" dia)	Each	
23.737	Gas & Liquid Copper Piping (1/4" dia)	100 Rft	
23.738	Gas & Liquid Copper Piping (3/8" dia)	100 Rft	
23.739	Gas & Liquid Copper Piping (1/2" dia)	100 Rft	
23.740	Gas & Liquid Copper Piping (5/8" dia)	100 Rft	
23.741	Gas & Liquid Copper Piping (3/4" dia)	100 Rft	
23.742	Gas & Liquid Copper Piping (7/8" dia)	100 Rft	
23.743	Gas & Liquid Copper Piping (1" dia)	100 Rft	
23.744	Gas & Liquid Copper Piping (1-1/8" dia)	100 Rft	
23.745	Gas & Liquid Copper Piping (1-1/4" dia)	100 Rft	
23.746	Gas & Liquid Copper Piping (1-3/8" dia)	100 Rft	
23.747	Gas & Liquid Copper Piping (1-1/2" dia)	100 Rft	
23.748	Gas & Liquid Copper Piping (1-3/4" dia)	100 Rft	
23.749	Gas & Liquid Copper Piping (2" dia)	100 Rft	
23.750	Gas & Liquid Copper Piping (2-1/2" dia)	100 Rft	
23.751	Gas & Liquid Copper Piping (3" dia)	100 Rft	
23.752	Fiberglass Reinforced Polypropelene (FRP) strainer having slot size of 0.9 mm to 1.00 mm in Tubewell borehole 2" dia		
23.753	Fiberglass Reinforced Polypropelene (FRP) strainer having slot size of 0.9 mm to 1.00 mm in Tubewell borehole 3" dia		
23.754	Fiberglass Reinforced Polypropelene (FRP) strainer having slot size of 0.9 mm to 1.00 mm in Tubewell borehole 4" dia		
23.755	Fiberglass Reinforced Polypropelene (FRP) strainer having slot size of 0.9 mm to 1.00 mm in Tubewell borehole 6" dia		
23.756	Fiberglass Reinforced Polypropelene (FRP) strainer having slot size of 0.9 mm to 1.00 mm in Tubewell borehole 8" dia		
23.757	Fiberglass Reinforced Polypropelene (FRP) strainer having slot size of 0.9 mm to 1.00 mm in Tubewell borehole 10" dia		
23.758	Fiberglass Reinforced Polypropelene (FRP) strainer having slot size of 0.9 mm to 1.00 mm in Tubewell borehole 12" dia		
23.759	Fiberglass Reinforced Polypropelene (FRP) strainer having slot size of 0.9 mm to 1.00 mm in Tubewell borehole 14" dia		
23.760	Fiberglass Reinforced Polypropelene (FRP) strainer having slot size of 0.9 mm to 1.00 mm in Tubewell borehole 16" dia		
23.761	Fiberglass Reinforced Polypropelene (FRP) strainer having slot size of 0.9 mm to 1.00 mm in Tubewell borehole 18" dia		
27.001	G.I Duct Prime Quality hot dipped G.I sheet metal (Z-275) 18swg to 28-SWG (24"x12")	P.Kg	
27.002	Expansion Bolt (Rawal Bolt) 3/8"	Each	
27.003	Expansion Bolt (Rawal Bolt) 1/4"	Each	
27.004	Duct Sealant Premium Quality	P.Kg	
27.005	Round Flue Duct Prime Quality MS sheet of 12 SWG	P.Kg	
27.006	Exhaust Duct Prime Quality MS sheet of 14 SWG	P.Kg	
27.007	Foil Faced Round Flexible Duct made of PET (Polyethelene Terephthalate) 6" dia	P.Kg	
27.008	Foil Faced Round Flexible Duct made of PET (Polyethelene Terephthalate) 8" dia	P.Kg	
27.009	Foil Faced Round Flexible Duct made of PET (Polyethelene Terephthalate) 10" dia	P.Kg	
27.010	Foil Faced Round Flexible Duct made of PET (Polyethelene Terephthalate) 12" dia	P.Kg	
27.011	Foil Faced Round Flexible Duct made of PET (Polyethelene Terephthalate) 14" dia	P.Kg	
27.012	Foil Faced Round Flexible Duct made of PET (Polyethelene Terephthalate) 16" dia	P.Kg	
27.013	Jubilee Clamp 6" dia	Each	
27.014	Jubilee Clamp 8" dia	Each	
27.015	Jubilee Clamp 10" dia	Each	
27.016	Jubilee Clamp 12" dia	Each	
27.017	Jubilee Clamp 14" dia	Each	
27.018	Jubilee Clamp 16" dia	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
27.019	Foil-faced Rockwool thermal Insulation built in GI wire mesh (30-40Kg/m3)	P.Sft	
27.020	Foil-faced Rockwool thermal Insulation built in GI wire mesh (45-50Kg/m3)	P.Sft	
27.021	Foil-faced Rockwool thermal Insulation built in GI wire mesh (55-60Kg/m3)	P.Sft	
27.022	Foil-faced Rockwool thermal Insulation built in GI wire mesh (65-80Kg/m3)	P.Sft	
27.023	Foil-faced Rockwool thermal Insulation built in GI wire mesh (85-90Kg/m3)	P.Sft	
27.024	Foil-faced Rockwool thermal Insulation built in GI wire mesh (95-100Kg/m3)	P.Sft	
27.025	Adhesive covering 500 Sqft/Gln	P.Gallon	
27.026	Al.Duct tape over joints		
27.027	8 Oz Canvas Cloth		
27.028	Gripnails (Mech. Fasteners)		
27.029	1" thick bonded fiberglass Blanket sound liner (Acoustic Liner) having density of 24 kg/m3	P.Sft	
27.030	Air Register with Damper	P.Sft	
27.031	Return/Exhaust Air grilles best quality	P.Sft	
27.032	Electrostatic oven Cured Powder Coated/Anodized Extruded Aluminum Air Diffuser 1 mm thick	P.Sft	
27.033	Electrostatic oven Cured Powder Coated/Anodized Extruded Aluminum Air Diffuser 1.2 mm thick	P.Sft	
27.034	Electrostatic oven Cured Powder Coated/Anodized Extruded Aluminum Linear Slotted Diffuser	P.Sft	
27.035	Powder Coated ACRYLONITRILE BUTADIENE STYRENE (ABS) Plastic made 2mm thick	P.Sft	
27.036	Powder Coated ACRYLONITRILE BUTADIENE STYRENE (ABS) Plastic made 3mm thick	P.Sft	
27.037	Powder Coated ACRYLONITRILE BUTADIENE STYRENE (ABS) Plastic made 4mm thick	P.Sft	
27.038	Powder Coated ACRYLONITRILE BUTADIENE STYRENE (ABS) Plastic made 5mm thick	P.Sft	
27.039	Opposed blade Volume Dampers (Air-Handler) of Prime Quality 16SWG	P.Sft	
27.040	Opposed blade Volume Dampers (Air-Handler) of Prime Quality 18SWG	P.Sft	
27.041	Multi Layer Aluminium Sheet jacketting 2702 kg/m3 density,	P.Sft	
27.042	Metal Banding Solution @ 10 ltr/1000sft	Litre	
27.043	Flexible duct connector, Robust Polyester with PVC Coating 9"wide	P.Rft	
27.044	Flexible duct connector, Robust Polyester with PVC Coating 6"wide	P.Rft	
27.045	Flexible duct connector, Glassfiber with Neoprene Coating 9"wide	P.Rft	
27.046	Flexible duct connector, Glassfiber with Neoprene Coating 6"wide	P.Rft	
27.047	Flexible duct connector, Glassfiber with Polyurethane Coating 9"wide	P.Rft	
27.048	Flexible duct connector, Glassfiber with Polyurethane Coating 6"wide	P.Rft	
27.049	Flexible duct connector, Glassfiber with Silicon Coating 9"wide	P.Rft	
27.050	Flexible duct connector, Glassfiber with Silicon Coating 6"wide	P.Rft	
27.051	Bellow type pipe flexible connector manufactured with high resistant 6" dia	P.Rft	
27.052	Bellow type pipe flexible connector manufactured with high resistant 8" dia	P.Rft	
27.053	Bellow type pipe flexible connector manufactured with high resistant 10" dia	P.Rft	
27.054	Gas kit / nut bolts etc for 6" dia	LS	
27.055	Gas kit / nut bolts etc for 8" dia	LS	
27.056	Gas kit / nut bolts etc for 10" dia	LS	
27.057	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (19 mm thick) 3/4" dia	P.Rft	
27.058	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (19 mm thick) 1" dia	P.Rft	
27.059	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (19 mm thick) 1-1/4" dia	P.Rft	
27.060	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (19 mm thick) 1-1/2" dia	P.Rft	
27.061	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (19 mm thick) 2" dia	P.Rft	
27.062	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (19 mm thick) 2-1/2" dia	P.Rft	
27.063	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (19 mm thick) 3" dia	P.Rft	
27.064	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (19 mm thick) 4" dia	P.Rft	
27.065	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (25 mm thick) 5" dia	P.Rft	
27.066	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (25 mm thick) 6" dia	P.Rft	
27.067	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (25 mm thick) 8" dia	P.Rft	
27.068	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (32 mm thick) 10" dia	P.Rft	
27.069	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (32 mm thick) 12" dia	P.Rft	
27.070	Glass preformed insulation Pre-formed tube of Elastomeric, density of 65 Kg / m3, thermal conductivity of 0.035 W/M (32 mm thick) 14" dia	P.Rft	
27.071	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 3/4"dia	P.Rft	
27.072	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 1"dia	P.Rft	
27.073	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 1-1/4"dia	P.Rft	
27.074	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 1-1/2"dia	P.Rft	
27.075	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 2"dia	P.Rft	
27.076	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 2-1/2"dia	P.Rft	
27.077	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 3"dia	P.Rft	
27.078	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 4"dia	P.Rft	
27.079	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 5"dia	P.Rft	
27.080	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 6"dia	P.Rft	
27.081	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 8"dia	P.Rft	
27.082	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 10"dia	P.Rft	
27.083	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 12"dia	P.Rft	
27.084	HIGH DENSITY (64 KG/M3) Aluminum foil faced fiberglass pipe insulation 14"dia	P.Rft	
27.085	Canvas Cloth	P.Meter	
27.086	Bonding solution (10 lit/1000 sft)	P.Litre	
27.087	Microban Elastomeric closed cell FM approved Foam type insulation of 40-65 kg/m3 density, 6mm thick	P.Sft	
27.088	Microban Elastomeric closed cell FM approved Foam type insulation of 40-65 kg/m3 density, 9mm thick	P.Sft	
27.089	Microban Elastomeric closed cell FM approved Foam type insulation of 40-65 kg/m3 density, 12mm thick	P.Sft	
27.090	Microban Elastomeric closed cell FM approved Foam type insulation of 40-65 kg/m3 density, 19mm thick	P.Sft	
27.091	5 mm thick polyethylene (PE) insulation for condensate drain pipes 3/4"dia	P.Rft	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
27.092	5 mm thick polyethelene (PE) insulation for condensate drain pipes 1"dia	P.Rft	
27.093	5 mm thick polyethelene (PE) insulation for condensate drain pipes 1-1/4"dia	P.Rft	
27.094	5 mm thick polyethelene (PE) insulation for condensate drain pipes 1-1/2"dia	P.Rft	
27.095	5 mm thick polyethelene (PE) insulation for condensate drain pipes 2"dia	P.Rft	
27.096	Jointing Tape	Each	
27.097	Aluminium Mesh Filter i/c frame for 1"thick	Each	
27.098	Aluminium Mesh Filter i/c frame for 2"thick	Each	
27.099	Aluminium Mesh Filter i/c frame for 3"thick	Each	
27.100	Aluminium Mesh Filter i/c frame	Each	
27.101	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 1/4"dia	P.Rft	
27.102	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 3/8"dia	P.Rft	
27.103	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 1/2"dia	P.Rft	
27.104	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 5/8"dia	P.Rft	
27.105	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 3/4"dia	P.Rft	
27.106	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 7/8"dia	P.Rft	
27.107	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 1"dia	P.Rft	
27.108	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 1-1/8"dia	P.Rft	
27.109	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 1-1/4"dia	P.Rft	
27.110	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 1-1/2"dia	P.Rft	
27.111	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 1-5/8"dia	P.Rft	
27.112	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 1-3/4"dia	P.Rft	
27.113	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 2"dia	P.Rft	
27.114	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 2-1/2"dia	P.Rft	
27.115	Closed cell type polyolefin pipe insulation tube density 40-65 Kg/m ³ 3"dia	P.Rft	
27.116	Bonding solution (10 lit/1000 sft)	Litre	
27.117	Expansion Tank 2- Gallon Capacity, Size 12-1/2"x8"	Each	
27.118	Expansion Tank 3.2 Gallon Capacity, Size 12-1/2"x11"	Each	
27.119	Expansion Tank 4.5 Gal Capacity, Size 15"x11"	Each	
27.120	Expansion Tank 7.0 Gal Capacity, Size 11"x21-3/8"	Each	
27.121	Expansion Tank 14 Gal Capacity, Size 20"x15-1/2"	Each	
27.122	Expansion Tank 20 Gal Capacity, Size 27"x15-1/2"	Each	
18.078	M.S. Sheet 3/8" thick (10mm) Best Quality	P.Kg	
18.079	Polyurethane Paint	P.Litre	
07.011	Fare Face Gutka 9"x2-1/4"x2-1/4	1000 Nos	
07.012	Fare Face Gutka 9"x3"x2-1/4	1000 Nos	
07.013	G.I wire 8-swg, 8-shapped wall ties	Each	
ADDITIONAL ITEMS			
A1	Bitumen (Packed) Grade 60/70 (NRL / PARCO) AT SITE	P.Kg	
A2	Mosaic marble chips tiles300 x 300 x 25 mm (12" x 12" x 1") White Cement	Each	
B	WATER CHARGES	1000L	
C	WALL & FLOOR TILES		
CA	MASTER TILES		
CA(1)	Master Tiles 12" X12"		
1	Salt'n paper (SPC) with Crystal & Metallic Printing Effect (Rectified)(Light color) SB	P.SQM	
2	Salt'n paper (SPC) with Crystal & Metallic Printing Effect (Rectified)(Light color) ST	P.SQM	
3	Salt'n paper (SPC) with Crystal & Metallic Printing Effect (Rectified)(Dark color) SB	P.SQM	
4	Salt'n paper (SPC) with Crystal & Metallic Printing Effect (Rectified)(Dark color) ST	P.SQM	
5	LPF Series Light Color (Rectified)SB	P.SQM	
6	LPF Series Light Color (Rectified)ST	P.SQM	
7	LPF Series Dark Color (Rectified)SB	P.SQM	
8	LPF Series Dark Color (Rectified)ST	P.SQM	
9	LPFS Series Light Color (Rectified)SB	P.SQM	
10	LPFS Series Light Color (Rectified)ST	P.SQM	
11	LPFS Series Dark Color (Rectified)SB	P.SQM	
12	LPFS Series Dark Color (Rectified)ST	P.SQM	
13	Stone effect in Plain Colors,SEM series (Rectified)(Light color)class SB	P.SQM	
14	Stone effect in Plain Colors,SEM series (Rectified)(Light color)class ST	P.SQM	
15	Stone effect in Plain Colors,SEM series (Rectified)(Dark color)class SB	P.SQM	
16	Stone effect in Plain Colors,SEM series (Rectified)(Dark color)class ST	P.SQM	
17	Stone effect in Salt'n Pepper,SSP series (Rectified)(Light color)class SB	P.SQM	
18	Stone effect in Salt'n Pepper,SSP series (Rectified)(Light color)class ST	P.SQM	
19	Stone effect in Salt'n Pepper,SSP series (Rectified)(Dark color)class SB	P.SQM	
20	Stone effect in Salt'n Pepper,SSP series (Rectified)(Dark color)class ST	P.SQM	
21	Stone effect in Granite,SEG series (Rectified)(Light color)class SB	P.SQM	
22	Stone effect in Granite,SEG series (Rectified)(Light color)class ST	P.SQM	
23	Stone effect in Granite,SEG series (Rectified)(Dark color)class SB	P.SQM	
24	Stone effect in Granite,SEG series (Rectified)(Dark color)class ST	P.SQM	
25	LPD Series Light Rectified SB	P.SQM	
26	LPD Series Light Rectified ST	P.SQM	
27	LPD Series Dark Rectified SB	P.SQM	
28	LPD Series Dark Rectified ST	P.SQM	
29	SED Stone Effect Digital Light Rectified SB	P.SQM	
30	SED Stone Effect Digital Light Rectified ST	P.SQM	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
31	SED Stone Effect Digital Dark Rectified SB	P.SQM	
32	SED Stone Effect Digital Dark Rectified ST	P.SQM	
CA(2)	Master tiles 16" X 16"		
1	BCS Series (Light - Rectified) SB	P.SQM	
2	BCS Series (Light - Rectified) ST	P.SQM	
3	BCS Series (Dark - Rectified) SB	P.SQM	
4	BCS Series (Dark - Rectified) ST	P.SQM	
5	BCD Series (Light - Rectified) SB	P.SQM	
6	BCD Series (Light - Rectified) ST	P.SQM	
7	BCD Series (Dark - Rectified) SB	P.SQM	
8	BCD Series (Dark - Rectified) ST	P.SQM	
9	Salt'n Pepper SPM Dark Polished SB	P.SQM	
10	Salt'n Pepper SPM Dark Polished ST	P.SQM	
11	Salt'n Pepper SPMN Dark Polished SB	P.SQM	
12	Salt'n Pepper SPMN Dark Polished ST	P.SQM	
13	Salt'n Pepper (SPM 110) Light Polished SB	P.SQM	
14	Salt'n Pepper (SPM 110) Light Polished ST	P.SQM	
15	Salt'n Pepper (SPMN) Light Polished SB	P.SQM	
16	Salt'n Pepper (SPMN) Light Polished ST	P.SQM	
17	Granite effect, GEM series Polished (Dark color) SB	P.SQM	
18	Granite effect, GEM series Polished (Dark color) ST	P.SQM	
19	Granite with dry/wet/venied application,DWV series Polished (Light color)class SB	P.SQM	
20	Granite with dry/wet/venied application,DWV series Polished (Light color)class ST	P.SQM	
21	Granite with dry/wet/venied application,DWV series Polished (Dark color)class SB	P.SQM	
22	Granite with dry/wet/venied application,DWV series Polished (Dark color)class ST	P.SQM	
23	Coral Master (CLM) Dark Polished SB	P.SQM	
24	Coral Master (CLM) Dark Polished ST	P.SQM	
25	Imperial (IMPG) Dark Color Polished SB	P.SQM	
26	Imperial (IMPG) Dark Color Polished ST	P.SQM	
CA(3)	Master tiles 12" X 18"		
1	SP Series on matching color base (Glossy / Matt) Light Color Rectified SB	P.SQM	
2	SP Series on matching color base (Glossy / Matt) Light Color Rectified ST	P.SQM	
3	SP Series on matching color base (Glossy) Dark Color Rectified SB	P.SQM	
4	SP Series on matching color base (Glossy) DarkColor Rectified ST	P.SQM	
5	SP Series - Plain matching Light Colors (Glossy / Matt) SP PLN - SB	P.SQM	
6	SP Series - Plain matching Light Colors (Glossy / Matt) SP PLN - ST	P.SQM	
7	SP Series - Plain matching Dark Colors (Glossy / Matt) SP PLN - SB	P.SQM	
8	SP Series - Plain matching Dark Colors (Glossy / Matt) SP PLN - ST	P.SQM	
9	DFD Series Light SB	P.SQM	
10	DFD Series Light ST	P.SQM	
11	DFD Series Dark SB	P.SQM	
12	DFD Series Dark ST	P.SQM	
CA(4)	Master tiles 24" X 24"		
1	Salt'Pepper (SPM) Dark Polished SB	P.SQM	
2	Salt'Pepper (SPM) Dark Polished ST	P.SQM	
3	Salt'Pepper (SPM-110) Light Polished SB	P.SQM	
4	Salt'Pepper (SPM-110) Light Polished ST	P.SQM	
5	Granite Effect (GEM) Dark Polished SB	P.SQM	
6	Granite Effect (GEM) Dark Polished ST	P.SQM	
7	Granite with dry/wet/venied application,DWV series Polished (Light color)class SB	P.SQM	
8	Granite with dry/wet/venied application,DWV series Polished (Light color)class ST	P.SQM	
9	Granite with dry/wet/venied application,DWV series Polished (Dark color)class SB	P.SQM	
10	Granite with dry/wet/venied application,DWV series Polished (Dark color)class ST	P.SQM	
11	Coral Master (CLM) Dark Polished SB	P.SQM	
12	Coral Master (CLM) Dark Polished ST	P.SQM	
13	IMPG Imperial Dark Polished SB	P.SQM	
14	IMPG Imperial Dark Polished ST	P.SQM	
15	GPM Glazed Polished Light SB	P.SQM	
16	GPM Glazed Polished Light ST	P.SQM	
17	GPM Glazed Polished Dark SB	P.SQM	
18	GPM Glazed Polished Dark ST	P.SQM	
19	GPD Series Light Polished SB	P.SQM	
20	GPD Series Light Polished ST	P.SQM	
21	GPD Series Dark Polished SB	P.SQM	
22	GPD Series Dark Polished ST	P.SQM	
23	MCD Glazed Rectified Light SB	P.SQM	
24	MCD Glazed Rectified Light ST	P.SQM	
25	MCD Glazed Rectified Dark SB	P.SQM	
26	MCD Glazed Rectified Dark ST	P.SQM	
CA(5)	Master Tiles 8"x8"		
1	SP Series on matching Light Color base (Glossy / Matt) SB	P.SQM	
2	SP Series on matching Light Color base (Glossy / Matt) ST	P.SQM	
3	SP Series on matching Dark Color base (Glossy / Matt) SB	P.SQM	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
4	SP Series on matching Dark Color base (Glossy / Matt) ST	P.SQM	
5	Solo executive on light color base Plain/Texture (Glossy/Matt)SE MATT series class SB	P.SQM	
6	Solo executive on light color base Plain/Texture (Glossy/Matt)SE MATT series class ST	P.SQM	
7	Solo executive on Dark color base Plain/Texture (Glossy/Matt)SE MATT series class SB	P.SQM	
8	Solo executive on Dark color base Plain/Texture (Glossy/Matt)SE MATT series class ST	P.SQM	
CA(6)	Master Tiles 8" x10"		
1	Solo executive on light color base. Plain/Texture (Glossy/Matt) SE series class SB	P.SQM	
2	Solo executive on light color base. Plain/Texture (Glossy/Matt) SE series class ST	P.SQM	
3	Solo executive on Dark color base. Plain/Texture (Glossy/Matt) SE series class SB	P.SQM	
4	Solo executive on Dark color base. Plain/Texture (Glossy/Matt) SE series class ST	P.SQM	
CB	NATIONAL CERAMIC TILES		
CB(1)	Code 6,7,8,9,102,515,317,318		
1	Floor Tiles 132mm x 268mm x 10mm (All Colors)	P.SQM	
2	Facing Strips 66mm x 268mm x 10mm (All Colors)	P.SQM	
3	Step Tiles 190mm x 268mm x 10mm (All Colors)	P.SQM	
4	Angel 52 x 115 x 268 x 10mm	P.SQM	
CB(2)	Code 811,101,312		
1	Floor Tiles 132mm x 268mm x 10mm	P.SQM	
2	Facing Strips 66mm x 268mm x 10mm	P.SQM	
3	Step Tiles 190mm x 268mm x 10mm	P.SQM	
4	Angel 52 x 115 x 268 x 10mm	P.SQM	
CB(3)	Code 511,413, 422		
1	Floor Tiles 132mm x 268mm x 10mm	P.SQM	
2	Facing Strips 66mm x 268mm x 10mm	P.SQM	
3	Step Tiles 190mm x 268mm x 10mm	P.SQM	
4	Angel 52 x 115 x 268 x 10mm	P.SQM	
CB(4)	Code 101, 312		
1	Chequered Tile 115 x 268 x 10mm	P.SQM	
CC	STILE TILES (Shabbir Tiles)		
CC1	CERAMIC WALL TILES (PREMIUM) Size 6x6		
1	Plain White	P.Sqm	
2	Plain Brown/Green	P.Sqm	
3	Plain Mid Night Blue	P.Sqm	
4	Plain Red	P.Sqm	
CC2	CERAMIC WALL TILES (PREMIUM) Size 8x8		
1	Plain Light Color	P.Sqm	
2	Plain Dark Color	P.Sqm	
3	Plain N.Blue / Burgundy	P.Sqm	
4	Plain Red Yellow	P.Sqm	
5	Texture Light	P.Sqm	
6	Texture Dark	P.Sqm	
7	Texture Burgundy	P.Sqm	
8	Hala Design	P.Sqm	
9	Die Punch Light	P.Sqm	
10	Die Punch Dark	P.Sqm	
11	Die Punch Burgundy	P.Sqm	
CC3	CERAMIC WALL TILES (PREMIUM) Size 8x10		
1	Plain Light Color	P.Sqm	
2	Plain Dark Color	P.Sqm	
3	Plain N.Blue / Burgundy / Exotic Brown	P.Sqm	
4	Plain Red Yellow	P.Sqm	
5	Texture Light	P.Sqm	
6	Texture Dark	P.Sqm	
7	Texture Burgundy	P.Sqm	
8	Luster Light	P.Sqm	
9	Luster Dark	P.Sqm	
10	Luster Burgundy	P.Sqm	
11	Hala Design	P.Sqm	
12	Die Punch Light	P.Sqm	
13	Die Punch Dark	P.Sqm	
14	Die Punch Burgundy	P.Sqm	
CC4	CERAMIC WALL TILES (PREMIUM) Size 8x12		
1	Plain Light Color	P.Sqm	
2	Plain Dark Color	P.Sqm	
3	Plain N.Blue / Burgundy / Exotic Brown	P.Sqm	
4	Plain Red Yellow	P.Sqm	
5	Texture Light	P.Sqm	
6	Texture Dark	P.Sqm	
7	Texture Burgundy	P.Sqm	
8	Luster Light	P.Sqm	
9	Luster Dark	P.Sqm	
10	Luster Burgundy	P.Sqm	
11	Hala Design	P.Sqm	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
12	Die Punch Light	P.Sqm	
13	Die Punch Dark	P.Sqm	
14	Die Punch Burgundry	P.Sqm	
CC5	CERAMIC WALL TILES (PREMIUM) Size 10x13		
1	Plain Light Color	P.Sqm	
2	Plain Dark Color	P.Sqm	
3	Plain N.Blue / Burgundry / Exotic Brown	P.Sqm	
4	Plain Red Yellow	P.Sqm	
5	Texture Light	P.Sqm	
6	Texture Dark	P.Sqm	
7	Texture Burgundry	P.Sqm	
8	Reactive Light	P.Sqm	
9	Reactive Dark	P.Sqm	
10	Luster Light	P.Sqm	
11	Luster Dark	P.Sqm	
12	Luster Burgundry	P.Sqm	
13	Die Punch Light	P.Sqm	
14	Die Punch Dark	P.Sqm	
15	Die Punch Burgundry	P.Sqm	
CC6	CERAMIC WALL TILES (PREMIUM) Size 12x24		
1	Texture Normal Gloss (Light)	P.Sqm	
2	Texture Normal Gloss (Dark)	P.Sqm	
3	Die Punch (All)	P.Sqm	
CC7	CERAMIC WALL TILES (PREMIUM) Size 12x18		
1	Texture Normal Gloss (Light) inkjet	P.Sqm	
2	Texture Normal Gloss (Dark) inkjet	P.Sqm	
3	Die Punch (Light) inkjet	P.Sqm	
4	Die Punch (Dark) inkjet	P.Sqm	
5	Die Punch (Burgundry) inkjet	P.Sqm	
6	Die Punch N.Blue/Burgundry inkjet	P.Sqm	
7	Plain Light	P.Sqm	
8	Plain Dark	P.Sqm	
9	Plain N.Blue/Burgundry	P.Sqm	
10	Plain Red/Yellow	P.Sqm	
11	Texture Light	P.Sqm	
12	Texture Dark	P.Sqm	
13	Texture Burgundry	P.Sqm	
14	Luster Light	P.Sqm	
15	Luster Dark	P.Sqm	
16	Luster Burgundry	P.Sqm	
17	Die Punch Light	P.Sqm	
18	Die Punch Dark	P.Sqm	
19	Die Punch Burgundry	P.Sqm	
CC8	CERAMIC FLOOR TILES (PREMIUM) Size 12x12 (CFT MATT)		
1	Plain Light Color	P.Sqm	
2	Plain Dark Color	P.Sqm	
3	Texture Light	P.Sqm	
4	Texture Dark	P.Sqm	
CC9	CERAMIC FLOOR TILES (PREMIUM) Size 12x12 (CFT GLOSSY)		
1	Plain Light Color	P.Sqm	
2	Plain Dark Color	P.Sqm	
3	Texture Light	P.Sqm	
4	Texture Dark	P.Sqm	
CC10	PORCELAIN FLOOR TILES (PFT) NANO POLISHED Size 16x16 (PREMIUM)		
1	Plain Light	P.Sqm	
2	Plain Coffee Brown	P.Sqm	
3	Plain Redish Brown	P.Sqm	
4	Salt & Pepper light	P.Sqm	
5	Salt & Pepper Black White/ Dark Grey	P.Sqm	
CC11	PORCELAIN FLOOR TILES (PFT) NANO POLISHED Size 20x20 (PREMIUM)		
1	Plain Light Color	P.Sqm	
2	Plain Coffee Brown	P.Sqm	
3	Plain Redish Brown	P.Sqm	
4	Salt & Pepper light	P.Sqm	
D	Electrical & Gas Fitting		
DA	Circuit Brakers (As per approved manufacturers)		
DA(1)	Single Pole (LEGRAND)		
1	MCB 1 POLE 6A, 6KA (LR)	Each	
2	MCB 1 POLE 20A, 6KA (LR)	Each	
3	MCB 1 POLE 50A, 6KA (LR)	Each	
4	MCB 1 POLE 63A, 6KA (LR)	Each	
DA(2)	Double pole (LEGRAND)		
1	MCB 2 POLE 6A, 6KA (LR)	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
2	MCB 2 POLE 20A, 6KA (LR)	Each	
3	MCB 2 POLE 50A, 6KA (LR)	Each	
4	MCB 2 POLE 63A, 6KA (LR)	Each	
DA(3)	Tripple Pole (HITACHI)		
1	MCCB TP 5A 2.5KA	Each	
2	MCCB TP 20A 2.5KA	Each	
3	MCCB TP 50A 10KA	Each	
4	MCCB TP 125A 15KA	Each	
5	MCCB TP 200A 18KA	Each	
DB	FLEXIBLE CABLES (As per approved manufacturer made from imported copper)		
DB(1)	FLAT SHEATHED 2-CORE FLEXIBLE WIRE		
1	14/.0076	P.Mtr.	
2	23/.0076	P.Mtr.	
3	40/.0076	P.Mtr.	
4	70/.0076	P.Mtr.	
5	110/.0076	P.Mtr.	
6	162/.0076	P.Mtr.	
DB(2)	ROUND SHEATHED 3-CORE FLEXIBLE WIRE		
1	14/.0076	P.Mtr.	
2	23/.0076	P.Mtr.	
3	40/.0076	P.Mtr.	
4	70/.0076	P.Mtr.	
5	110/.0076	P.Mtr.	
6	162/.0076	P.Mtr.	
DB(3)	ROUND SHEATHED 4-CORE FLEXIBLE WIRE		
1	14/.0076	P.Mtr.	
2	23/.0076	P.Mtr.	
3	40/.0076	P.Mtr.	
4	70/.0076	P.Mtr.	
5	110/.0076	P.Mtr.	
6	162/.0076	P.Mtr.	
DC	POWER CABLE (As per approved manufacturer made from imported copper)		
1	70 mm sq s/c Cu.pvc/pvc (Sheathed)	P.Mtr.	
2	25 mm sq 4/c Cu.pvc/pvc (Sheathed)	P.Mtr.	
3	35 mm sq 4/c Cu.pvc/pvc (Sheathed)	P.Mtr.	
4	50 mm sq 4/c Cu.pvc/pvc (Sheathed)	P.Mtr.	
5	70 mm sq 4/c Cu.pvc/pvc (Sheathed)	P.Mtr.	
6	95 mm sq 4/c Cu.pvc/pvc (Sheathed)	P.Mtr.	
7	120 mm sq 4/c Cu.pvc/pvc (Sheathed)	P.Mtr.	
8	150 mm sq 4/c Cu.pvc/pvc (Sheathed)	P.Mtr.	
9	185 mm sq 4/c Cu.pvc/pvc (Sheathed)	P.Mtr.	
10	240 mm sq 4/c Cu.pvc/pvc (Sheathed)	P.Mtr.	
11	16 mm sq 4/c Cu.pvc/pvc/swa/pvc (Armoured)	P.Mtr.	
12	25 mm sq 4/c Cu.pvc/pvc/swa/pvc (Armoured)	P.Mtr.	
13	35 mm sq 4/c Cu.pvc/pvc/swa/pvc (Armoured)	P.Mtr.	
14	50 mm sq 4/c Cu.pvc/pvc/swa/pvc (Armoured)	P.Mtr.	
15	70 mm sq 4/c Cu.pvc/pvc/swa/pvc (Armoured)	P.Mtr.	
16	95mm sq 4/c Cu.pvc/pvc/swa/pvc (Armoured)	P.Mtr.	
17	120 mm sq 4/c Cu.pvc/pvc/swa/pvc (Armoured)	P.Mtr.	
18	150 mm sq 4/c Cu.pvc/pvc/swa/pvc (Armoured)	P.Mtr.	
19	185 mm sq 4/c Cu.pvc/pvc/swa/pvc (Armoured)	P.Mtr.	
20	240 mm sq 4/c Cu.pvc/pvc/swa/pvc (Armoured)	P.Mtr.	
DD	FANS		
1	Bracket Fan 18" (As per approved manufacturers)	Each	
2	Exhaust Fan 12" sweep with louver and shutter (As per approved manufacturers)	Each	
3	Exhaust Fan 10" sweep with louver and shutter (As per approved manufacturers)	Each	
4	Exhaust Fan 8" sweep with louver and shutter (As per approved manufacturers)	Each	
5	Ceiling Fans, 56" sweep (As per "Pakistan Energy Lable" certified manufacturers).	Each	
DE	Water geyser 14 SWG GI sheet tank , 22 guage SWG MS sheet external cover 4" thick high density glass wool (As per approved		
1	35 Gallon Capacity	Each	
2	50 Gallon Capacity	Each	
3	55 Gallon Capacity	Each	
4	Labour charges and cost of fitting	Each	
DF	Electric Water Geyser (As per approved manufacturers)		
1	10 Gallon	Each	
2	12 Gallon	Each	
3	15 Gallon	Each	
4	20 Gallon	Each	
5	25 Gallon	Each	
DG	Sui Gas Room Heaters (As per approved manufacturers)		
1	i) Sui gas room heater single plate.complete in all respect	Each	
2	ii) Sui gas room heater double plate.complete in all respect	Each	
E	Storage Water Tanks (Double Ply) (As per approved manufacturers)		

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
EA(1)	Vertical Water Tanks		
1	200 Gls Capacity (Vertical)	Each	
2	250 Gls Capacity (Vertical)	Each	
3	300 Gls Capacity (Vertical)	Each	
4	400 Gls Capacity (Vertical)	Each	
5	500 Gls Capacity (Vertical)	Each	
EA(2)	Horizontal Water Tanks (Double Ply) (As per approved manufacturers)		
1	200 Gls Capacity (Horizontal)	Each	
2	250 Gls Capacity (Horizontal)	Each	
3	300 Gls Capacity (Horizontal)	Each	
F	Water Supply Pumps (As per approved manufacturers)		
1	0.5 H.P motor. 15 m suction & 15 head (non automatic)	Each	
2	0.5 H.P motor. 15 m suction & 15 m head (Automatic with tank)	Each	
3	1 H.P motor. 21 m suction & 21 m head (non automatic)	Each	
4	1 H.P motor. 21 m suction & 21 m head (Automatic with Tank)	Each	
5	2 H.P motor. 27 m suction & 35 m head (non automatic)	Each	
6	2.5 H.P motor. 38 m suction & 38 m head (non automatic)	Each	
7	Ejector	Each	
G	MASTER SANITARY FITTINGS		
GA	COMPLETE SETS (8 PCS) 1/2" (CP)		
1	Common Bath Set (3002)	P.Set	
2	Charisma Set (3006)	P.Set	
3	Common Bath Set (3007)	P.Set	
4	Charisma Set (3008)	P.Set	
5	Jazz Set (3013) CP	P.Set	
6	Jazz Set (3013A) CP	P.Set	
7	Jazz Set (3013B) CP	P.Set	
8	Lever Profit Plus Set (3060) CP	P.Set	
9	Lever Profit Plus Set (3060A) CP	P.Set	
10	Fab Set (3081) CP	P.Set	
11	Fab Set (3081A) CP	P.Set	
12	Fab Set (3081B) CP	P.Set	
13	Sapphire Set (3082) CP	P.Set	
14	Sapphire Set (3082A) CP	P.Set	
15	Sapphire Set (3082B) CP	P.Set	
16	Caspian Set (3083) CP	P.Set	
17	Caspian Set (3083A) CP	P.Set	
18	Caspian Set (3083B) CP	P.Set	
19	Topaz Set (3084) CP	P.Set	
20	Topaz Set (3084A) CP	P.Set	
21	Topaz Set (3084B) CP	P.Set	
22	Emerald Set (3085) CP	P.Set	
23	Emerald Set (3085A) CP	P.Set	
24	Emerald Set (3085B) CP	P.Set	
25	Oasis Set (3086) CP	P.Set	
26	Oasis Set (3086A) CP	P.Set	
27	Oasis Set (3086B) CP	P.Set	
28	Ornate Set (3087) CP	P.Set	
29	Ornate Set (3087A) CP	P.Set	
30	Ornate Set (3087B) CP	P.Set	
31	Arco Set (3089) / (3089A) CP	P.Set	
32	Crest Set (3090) / (3090A) CP	P.Set	
33	Caper Set (3015) CP	P.Set	
34	Caper Set (3015A) CP	P.Set	
35	Victorian Set (3017) CP	P.Set	
36	Victorian Set (3017A) CP	P.Set	
37	Tempo Set (3025) CP	P.Set	
38	Tempo Set (3025A) CP	P.Set	
39	Tempo Set (3025B) CP	P.Set	
40	Solo Set (3031) CP	P.Set	
41	Solo Set (3031A) CP	P.Set	
42	Orient Set (3033) CP	P.Set	
43	Orient Set (3033A) CP	P.Set	
44	Orient Set (3033B) CP	P.Set	
45	Bello Set (3040) CP	P.Set	
46	Bello Set (3040A) CP	P.Set	
47	Alba Set (3042) CP	P.Set	
48	Alba Set (3042A) CP	P.Set	
49	Alba Set (3042B) CP	P.Set	
50	Alba Set (3042C) CP	P.Set	
51	Alba Set (3042D) CP	P.Set	
52	Alba Set (3042E) CLC	P.Set	
53	Cello Set (3046) CP	P.Set	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
54	Cello Set (3046A) CP	P.Set	
55	Cello Set (3046B) CP	P.Set	
56	Cello Set (3046C) CP	P.Set	
57	Cello Set (3046D) CP	P.Set	
58	Cello Set (3046E) CP	P.Set	
59	Lever Profit Set (3050) CP	P.Set	
60	Lever Profit Set (3050A) CP	P.Set	
61	Bold Set (3051) CP	P.Set	
62	Bold Set (3051A) CP	P.Set	
63	Bold Set (3051B) CP	P.Set	
64	ECO Set (3055) CP	P.Set	
65	ECO Set (3055A) CP	P.Set	
66	Susan Plus Set (3056) CP	P.Set	
67	Susan Plus Set (3056A) CP	P.Set	
68	Siesta Set (3057) CP	P.Set	
69	Siesta Set (3057A) CP	P.Set	
70	Siesta Set (3057B) CP	P.Set	
71	Siesta Set (3057D) CP	P.Set	
72	Siesta Set (3057E) CP	P.Set	
73	Siesta Set (3057F) CP	P.Set	
74	Pelican Set (3058) CP	P.Set	
75	Pelican Set (3058A) CP	P.Set	
76	Pelican Set (3058B) CP	P.Set	
77	Pelican Set (3058D) CP	P.Set	
78	Pelican Set (3058E) CP	P.Set	
79	Pelican Set (3058F) CP	P.Set	
80	Profit Plus Set (3059) / (3059A) CP	P.Set	
81	Quad Set (3061) CP	P.Set	
82	Quad Set (3061A) CP	P.Set	
83	Hexa Set (3065) CP	P.Set	
84	Hexa Set (3065A) CP	P.Set	
85	Galaxy Set (3066) CP	P.Set	
86	Galaxy Set (3066A) CP	P.Set	
87	Phantom Set (3088) CP	P.Set	
88	Phantom Set (3088A) CP	P.Set	
89	Phantom Set (3088B) CP	P.Set	
90	Vista Set (3071) CP	P.Set	
91	Vista Set (3071A) CP	P.Set	
92	Grace Set (3073) CP	P.Set	
93	Grace Set (3073A) CP	P.Set	
94	Fancy Set (3080) CP	P.Set	
95	Fancy Set (3080A) CP	P.Set	
96	Aston Set (3091) / (3091A) CP	P.Set	
GB	ECONOMY COMPLETE SETS (1/2") CP		
1	Master Economy Set (088)	Each	
2	Master Economy Set (088A)	Each	
3	Master Economy Set (091)	Each	
4	Master Economy Set (091A)	Each	
GC	TEE STOP COCKS 1/2" (CP)		
1	(size 1/2") (081)	Each	
2	(size 1/2") (076)	Each	
3	(size 1/2") (075)	Each	
4	(size 1/2") (068)	Each	
5	(size 1/2") (067)	Each	
6	(size 1/2") (010)	Each	
GD	BATH MIXER 1/2" (CP)		
1	Profit Set (3048) / (3048A) (CP)	Each	
2	Profit Set (3049) (CP)	Each	
3	Profit Set (3049A) (CP)	Each	
4	Regal Set (3018) (CP)	Each	
5	Regal Set (3018A) (CP)	Each	
GE	SINK MIXER 1/2" (CP)		
1	063, (CP)	Each	
2	056A, (CP)	Each	
3	056, (CP)	Each	
4	022A, (CP)	Each	
5	022, (CP)	Each	
6	021, (CP)	Each	
GF	BIB COCKS (1/2") CP		
1	108, (CP)	Each	
2	083/084, (CP)	Each	
3	012, (CP)	Each	
4	008, (CP)	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
5	007, (CP)	Each	
6	005, (CP)	Each	
7	004, (CP)	Each	
8	003, (CP)	Each	
GH	BIB COCK (DOUBLE) 1/2" (CP)		
1	123, (CP)	Each	
2	092, (CP)	Each	
3	078, (CP)	Each	
4	077, (CP)	Each	
5	070, (CP)	Each	
6	069, (CP)	Each	
7	009, (CP)	Each	
H	M.S SHEETS		
1	M.S. Sheet 1/8" thick (3mm) Best Quality	Per Ton	
2	M.S. Sheet 3/16" thick (5mm) Best Quality	Per Ton	
3	M.S. Sheet 1/4" thick (6mm) Best Quality	Per Ton	
4	M.S. Sheet 3/8" thick (10mm) Best Quality	Per Ton	
5	M.S. Sheet 1/2" thick (12mm) Best Quality	Per Ton	
6	M.S. Sheet 5/8" thick (16mm) Best Quality	Per Ton	
7	M.S. Sheet 3/4" thick (20mm) Best Quality	Per Ton	
8	M.S. Sheet 1" thick (25mm) Best Quality	Per Ton	
9	M.S. Sheet 1-1/4" thick (32mm) Best Quality	Per Ton	
10	M.S. Sheet 1-1/2" thick (40mm) Best Quality	Per Ton	
11	M.S. Sheet 1-3/4" thick (44mm) Best Quality	Per Ton	
12	M.S. Sheet 2" thick (50mm) Best Quality	Per Ton	
13	M.S. Sheet 3" thick (75mm) Best Quality	Per Ton	
14	M.S. Checker (3mm & 5 mm thick) Best Quality	Per Ton	
I	Commercial Ply		
1	Commercial Ply 3/4" Thick (Best Quality)	P.Sft	
2	Laminated board (both side)3/4"thick (Best Quality)	P.Sft	
3	Lasani board 1/2" thick (Imported)	P.Sft	
4	Lasani board 1/2" thick (Local) Best Quality	P.Sft	
5	Lasani board 3/4" thick (Imported)	P.Sft	
6	Lasani board 3/4" thick (Local) Best Quality	P.Sft	
JA	Pre-cast / Pre-Cast Slabs (As per approved manufacturer) at site		
1	2'-6"x1'-6"	Each	
2	3'x1'-6"	Each	
3	3'-6"x1'-6"	Each	
4	3'-6"x2'	Each	
5	4'x1'-6"	Each	
6	4'-6"x1'-6"	Each	
7	5'x1'-6"	Each	
8	5'-6"x1'-6"	Each	
9	6'x1'-6"	Each	
10	6'-6"x1'-6"	Each	
11	7'x1'-6"	Each	
12	3'x1'	Each	
13	3'-6"x1'	Each	
14	4'x1'	Each	
15	4'-6"x1'	Each	
16	5'x1'	Each	
17	5'-6"x1'	Each	
18	6'x1'	Each	
19	6'-6"x1'	Each	
JB	Precast Boundary Wall Columns / Beams (As per approved manufacturer) at site		
1	Column 6"x6-1/2" upto 9' feet	P.Rft	
2	Column 6"x6-1/2" 10-1" to 11 ft	P.Rft	
3	Column 6"x6-1/2" 11-1" to 12 ft	P.Rft	
4	Column 6"x6-1/2" 12-1" to 14 ft	P.Rft	
5	Column 6"x6-1/2" 14-1" to 16 ft	P.Rft	
6	Upto 9' long	P.Rft	
7	9'-1" to 10'-6"	P.Rft	
8	10'-7" to 12'-6"	P.Rft	
9	12'-7" & above	P.Rft	
JC	Kerb Stones PCC (3500 PSI) (As per approved manufacturer) at site		
1	300 mm x 300 mm x 100 mm	Rft	
2	300 mm x 350 mm x 150 mm	Rft	
3	300 mm x 450 mm x 150 mm	Rft	
JD	Edge Stone (As per approved manufacturer) at site		
1	300mm x 150mm x 50mm	Each	
K	DRILLING OF RCC PILES		
1	Drilling bore holes with percussion/reverse rotary mehtod in all type of soils i/c shingle gravel and rock.(upto 24" dia)	Per Rft	
2	Drilling bore holes with reverse rotary in ordinary soil except shingle gravel and rock.(from 25" to 30" dia)	Per Rft	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
3	Drilling bore holes with percussion/revrse rotary mehtod in all type of soils i/c shingle gravel and rock.(from 25"to 30"dia)	Per Rft	
4	Drilling bore holes with reverse rotary in ordinary soil except shingle gravel and rock.(from 31" to 55" dia)	Per Rft	
5	Drilling bore holes with percussion/revrse rotary mehtod in all type of soils i/c shingle gravel and rock.(from 31"to 55"dia)	Per Rft	
6	Drilling bore holes with reverse rotary in ordinary soil except shingle gravel and rock.(from 56" to 86" dia)	Per Rft	
7	Drilling bore holes with percussion/revrse rotary mehtod in all type of soils i/c shingle gravel and rock.(from 56"to 86"dia)	Per Rft	
LA	POLYPROPYLENE RANDOM COPOLYMER (PPRC)(As per approved manufacturers)		
LA(1)	Pipes (PN-20)		
1	20mm	PM	
2	25mm	PM	
3	32mm	PM	
4	40mm	PM	
5	50mm	PM	
6	63mm	PM	
7	75mm	PM	
8	90mm	PM	
9	110mm	PM	
LB	PPRC Fittings (As per approved manufacturers)		
LB(1)	Elbow 90°		
1	20 mm	Each	
2	25 mm	Each	
3	32 mm	Each	
4	40 mm	Each	
5	50 mm	Each	
6	63 mm	Each	
7	75 mm	Each	
8	90 mm	Each	
9	110 mm	Each	
LB(2)	Elbow 45°		
1	20 mm	Each	
2	25 mm	Each	
3	32 mm	Each	
4	40 mm	Each	
5	50mm	Each	
6	63 mm	Each	
7	75 mm	Each	
8	90 mm	Each	
LB(3)	Equal Tee		
1	20 mm	Each	
2	25 mm	Each	
3	32 mm	Each	
4	40 mm	Each	
5	50 mm	Each	
6	63 mm	Each	
7	75 mm	Each	
8	90 mm	Each	
9	110 mm	Each	
LB(4)	Socket		
1	20 mm	Each	
2	25 mm	Each	
3	32 mm	Each	
4	40 mm	Each	
5	50 mm	Each	
6	63 mm	Each	
7	75 mm	Each	
8	90 mm	Each	
9	110 mm	Each	
LB(5)	Reducing Elbow		
1	25-20	Each	
2	32-25	Each	
LB(6)	Reducing Socket		
1	25-20	Each	
2	32-20	Each	
3	32-25	Each	
4	40-20	Each	
5	40-25	Each	
6	40-32	Each	
7	50-20	Each	
8	50-25	Each	
9	50-32	Each	
10	50-40	Each	
11	63-20	Each	
12	63-25	Each	
13	63-32	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
14	63-40	Each	
15	63-50	Each	
16	75-40	Each	
17	75-50	Each	
18	75-63	Each	
19	90-63	Each	
20	90-75	Each	
21	110-75	Each	
22	110-90	Each	
LB(7)	End Cap		
1	20 mm	Each	
2	25 mm	Each	
3	32 mm	Each	
4	40 mm	Each	
5	50 mm	Each	
6	63 mm	Each	
7	75 mm	Each	
LB(8)	Reducing Tee		
1	20 X 25 X 20 mm	Each	
2	25 X 20 X 25 mm	Each	
3	32 x 25 x 32mm	Each	
4	32 x 25 x 20mm	Each	
5	32 X 20 X 20 mm	Each	
6	32 X 20 X 32 mm	Each	
7	40 X 20 X 40 mm	Each	
8	40 X 25 X 40 mm	Each	
9	40 X 32 X 40 mm	Each	
10	50 X 20 X 50 mm	Each	
11	50 X 25 X 50 mm	Each	
12	50 X 32 X 50 mm	Each	
13	50 X 40 X 50 mm	Each	
14	63 x 20 x 63 mm	Each	
15	63 X 25 X 63 mm	Each	
16	63 X 32 X 63 mm	Each	
17	63 X 40 X 63 mm	Each	
18	63 X 50 X 63 mm	Each	
19	75 x 25 x 75 mm	Each	
20	75 x 32 x 75 mm	Each	
21	75 x 40 x 75 mm	Each	
22	75 x 50 x 75 mm	Each	
23	75 X 63 X 75 mm	Each	
24	90 x 50 x 90 mm	Each	
25	90 x 63 x 90 mm	Each	
26	110 x 50 x 110 mm	Each	
27	110 x 63 x 110 mm	Each	
LB(9)	Elbow Female		
1	20 X 1/2"	Each	
2	20 X 3/4"	Each	
3	25 X 1/2"	Each	
4	25 X 3/4"	Each	
5	32 X 1/2"	Each	
6	32 X 3/4"	Each	
7	32 X 1"	Each	
8	40 X 1-1/4"	Each	
9	50 X 1-1/2"	Each	
10	63 X 2"	Each	
LB(10)	Elbow Male		
1	20 X 1/2"	Each	
2	20 X 3/4"	Each	
3	25 X 1/2"	Each	
4	25 X 3/4"	Each	
5	32 X 1/2"	Each	
6	32 X 3/4"	Each	
7	32 X 1"	Each	
8	40 X 1-1/4"	Each	
9	50 X 1-1/2"	Each	
10	63 X 2"	Each	
LB(11)	Crossover		
1	20 mm	Each	
2	25 mm	Each	
3	32 mm	Each	
4	40 mm	Each	
LB(12)	Male Tee		

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
1	20 X 1/2"	Each	
2	20 X 3/4"	Each	
3	25 X 1/2"	Each	
4	25 X 3/4"	Each	
5	32 X 1/2"	Each	
6	32 X 3/4"	Each	
7	32 X 1"	Each	
8	40 X 1-1/4"	Each	
9	50 X 1-1/2"	Each	
10	63 X 2"	Each	
LB(13)	Female Tee		
1	20 X 1/2"	Each	
2	20 X 3/4"	Each	
3	25 X 1/2"	Each	
4	25 X 3/4"	Each	
5	32 X 1/2"	Each	
6	32 X 3/4"	Each	
7	32 X 1"	Each	
8	40 X 1-1/4"	Each	
9	50 X 1-1/2"	Each	
10	63 X 2"	Each	
LB(14)	Union Female		
1	20-1/2"	Each	
2	25-1/2"	Each	
3	25-3/4"	Each	
4	32-1/2"	Each	
5	32-3/4"	Each	
6	32-1"	Each	
7	50-1-1/2"	Each	
8	63-2"	Each	
LB(15)	Union Male		
1	20-1/2"	Each	
2	25-1/2"	Each	
3	25-3/4"	Each	
4	32-1/2"	Each	
5	32-3/4"	Each	
6	32-1"	Each	
7	40-1-1/4"	Each	
8	50-1-1/2"	Each	
9	60-2"	Each	
LD	PVC-U SOIL WASTE VENT (SWV) PIPES AND FITTINGS (As per approved manufacturers)		
LD(1)	uPVC Plain Ends Socketed Pipes		
1	32 mm	PM	
2	40 mm	PM	
3	50 mm	PM	
4	82 mm	PM	
5	110 mm	PM	
6	160 mm	PM	
LE(1)	SWV Fittings (As per approved manufacturers)		
1	Socket 32mm	Each	
2	Socket 40mm	Each	
3	Socket 50mm	Each	
4	Socket 82mm	Each	
5	Socket 110mm	Each	
6	Socket 160mm	Each	
7	Bend Plain 32 mm 900	Each	
8	Bend Plain 40 mm 900	Each	
9	Bend Plain 50 mm 900	Each	
10	Bend Plain 82 mm 900	Each	
11	Bend Plain 110 mm 900	Each	
12	Bend Plain 160 mm 900	Each	
13	Bend Plug 40 mm 900	Each	
14	Bend Plug 50 mm 900	Each	
15	Bend Plug 82 mm 900	Each	
16	Bend Plug 110 mm 900	Each	
17	Bend Plug 160 mm 900	Each	
18	Bend Plain 32 mm 450	Each	
19	Bend Plain 40 mm 450	Each	
20	Bend Plain 50 mm 450	Each	
21	Bend Plain 82 mm 450	Each	
22	Bend Plain 110 mm 450	Each	
23	Bend Plain 160 mm 450	Each	
24	Bend Plug 50 mm 450	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
25	Bend Plug 82 mm 450	Each	
26	Bend Plug 110 mm 450	Each	
27	Bend Plug 160 mm 450	Each	
28	Tee Equal Plain 32mm	Each	
29	Tee Equal Plain 40mm	Each	
30	Tee Equal Plain 50mm	Each	
31	Tee Equal Plain 82mm	Each	
32	Tee Equal Plain 110mm	Each	
33	Tee Equal Plain 160mm	Each	
34	Tee Equal Plug 40mm	Each	
35	Tee Equal Plug 50mm	Each	
36	Tee Equal Plug 82mm	Each	
37	Tee Equal Plug 110mm	Each	
38	Tee Equal Plug 160mm	Each	
39	End Cap 40mm	Each	
40	End Cap 50mm	Each	
41	End Cap 82mm	Each	
42	End Cap 110mm	Each	
43	End Cap 160mm	Each	
44	Yee Plain 50 mm	Each	
45	Yee Plain 82 mm	Each	
46	Yee Plain 110 mm	Each	
47	Yee Plug 82mm	Each	
48	Yee Plug 110mm	Each	
49	Access Plug Clean Out 32mm	Each	
50	Access Plug Clean Out 40mm	Each	
51	Access Plug Clean Out 50mm	Each	
52	Access Plug Clean Out 82mm	Each	
53	Access Plug Clean Out 110mm	Each	
54	Access Plug Clean Out 160mm	Each	
55	Vent Cowl 50mm	Each	
56	Vent Cowl 82mm	Each	
57	Vent Cowl 110mm	Each	
58	Vent Cowl 160mm	Each	
59	Expansion Coupling 82mm	Each	
60	Expansion Coupling 110mm	Each	
61	Expansion Coupling 160mm	Each	
62	Seal Ring Adaptor 82mm	Each	
63	Seal Ring Adaptor 110mm	Each	
64	Seal Ring Adaptor 160mm	Each	
65	S-Clamp 110mm	Each	
66	S-Clamp 82mm	Each	
67	S-Clamp 50mm	Each	
68	Cross Plain 50mm	Each	
69	Cross Plain 110mm	Each	
70	Cross Plug 50mm	Each	
71	Cross Plug 110mm	Each	
72	P-Trap (2 pcs) 82mm	Each	
73	P-Trap (2 pcs) 110mm	Each	
74	Floor Gully Trap (FGT) 82mm	Each	
75	Floor Gully Trap (FGT) 110mm	Each	
76	Bottle Traps (PP) 32mm	Each	
77	Bottle Traps (PP) 40mm	Each	
78	B.S.R 40x32mm	Each	
79	B.S.R 50x32mm	Each	
80	B.S.R 50x40mm	Each	
81	B.S.R 82x50mm	Each	
82	B.S.R 110x50mm	Each	
83	B.S.R 110x82mm	Each	
84	B.S.R 160x110mm	Each	
85	L.I.R 50X32mm	Each	
86	L.I.R 82X50mm	Each	
87	L.I.R 110X50mm	Each	
88	L.I.R 110X82mm	Each	
89	L.I.R 160X110mm	Each	
90	Tee Reducing Plain 160x110mm	Each	
91	Tee Reducing Plug 160x110mm	Each	
92	Yee Reducing Plain 110x82mm	Each	
93	Yee Reducing Plain 160x110mm	Each	
94	Yee Reducing Plug 160x110mm	Each	
95	Boss Con W.Brakt 82x32mm	Each	
96	Boss Con W.Brakt 82x40mm	Each	
97	Boss Con W.Brakt 82x50mm	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
98	Boss Con W.Brakt 110x32mm	Each	
99	Boss Con W.Brakt 110x40mm	Each	
100	Boss Con W.Brakt 110x50mm	Each	
101	Boss Con W.Brakt 110x82mm	Each	
102	Boss Con W.Brakt 160x82mm	Each	
103	Boss Con W.Brakt Plug 82x50mm	Each	
104	Boss Con W.Brakt Plug 110x50mm	Each	
105	Boss Con W.Brakt Plug 110x82mm	Each	
106	Boss Con W.Brakt Plug 160x82mm	Each	
107	WC Pan Connector 110mm	Each	
108	WC Pan Elbow Connector 110mm	Each	
109	Solvent Cement Local 100G with Brush	Each	
110	Solvent Cement Local 500G with Brush	Each	
LF	GRP/ FRP Pipe (As per approved manufacturer)		
LF(1)	Class-B (Pipe + Bell Coupler) Complete		
1	Size 4"(100mm)	P.Rft	
2	Size 6"(150mm)	P.Rft	
3	Size 8"(200mm)	P.Rft	
4	Size 10"(250mm)	P.Rft	
5	Size 12"(300mm)	P.Rft	
6	Size 14"(350mm)	P.Rft	
7	Size 16"(400mm)	P.Rft	
8	Size 18"(450mm)	P.Rft	
9	Size 20"(500mm)	P.Rft	
10	Size 24"(600mm)	P.Rft	
11	Size 28"(700mm)	P.Rft	
12	Size 32"(800mm)	P.Rft	
13	Size 36"(900mm)	P.Rft	
14	Size 40"(1000mm)	P.Rft	
LF(2)	Class-B (GRP/ FRP-Flanges) Complete		
1	Size 4"(100mm)	Each	
2	Size 6"(150mm)	Each	
3	Size 8"(200mm)	Each	
4	Size 10"(250mm)	Each	
5	Size 12"(300mm)	Each	
6	Size 14"(350mm)	Each	
7	Size 16"(400mm)	Each	
8	Size 18"(450mm)	Each	
9	Size 20"(500mm)	Each	
10	Size 24"(600mm)	Each	
11	Size 28"(700mm)	Each	
12	Size 32"(800mm)	Each	
13	Size 36"(900mm)	Each	
14	Size 40"(1000mm)	Each	
LF(3)	Class-B (GRP/ FRP-Tees) Complete		
1	Size 4"(100mm)	Each	
2	Size 6"(150mm)	Each	
3	Size 8"(200mm)	Each	
4	Size 10"(250mm)	Each	
5	Size 12"(300mm)	Each	
6	Size 14"(350mm)	Each	
7	Size 16"(400mm)	Each	
8	Size 18"(450mm)	Each	
9	Size 20"(500mm)	Each	
10	Size 24"(600mm)	Each	
11	Size 28"(700mm)	Each	
12	Size 32"(800mm)	Each	
13	Size 36"(900mm)	Each	
14	Size 40"(1000mm)	Each	
LF(4)	Class-B (GRP/ FRP-Bend) Complete		
1	Size 4"(100mm)	Each	
2	Size 6"(150mm)	Each	
3	Size 8"(200mm)	Each	
4	Size 10"(250mm)	Each	
5	Size 12"(300mm)	Each	
6	Size 14"(350mm)	Each	
7	Size 16"(400mm)	Each	
8	Size 18"(450mm)	Each	
9	Size 20"(500mm)	Each	
10	Size 24"(600mm)	Each	
11	Size 28"(700mm)	Each	
12	Size 32"(800mm)	Each	
13	Size 36"(900mm)	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
14	Size 40"(1000mm)	Each	
LF(5)	Class-C (Pipe + Bell Coupler) Complete		
1	Size 4"(100mm)	P.Rft	
2	Size 6"(150mm)	P.Rft	
3	Size 8"(200mm)	P.Rft	
4	Size 10"(250mm)	P.Rft	
5	Size 12"(300mm)	P.Rft	
6	Size 14"(350mm)	P.Rft	
7	Size 16"(400mm)	P.Rft	
8	Size 18"(450mm)	P.Rft	
9	Size 20"(500mm)	P.Rft	
10	Size 24"(600mm)	P.Rft	
11	Size 28"(700mm)	P.Rft	
12	Size 32"(800mm)	P.Rft	
13	Size 36"(900mm)	P.Rft	
14	Size 40"(1000mm)	P.Rft	
LF(6)	Class-C (GRP/ FRP-Flanges) Complete		
1	Size 4"(100mm)	Each	
2	Size 6"(150mm)	Each	
3	Size 8"(200mm)	Each	
4	Size 10"(250mm)	Each	
5	Size 12"(300mm)	Each	
6	Size 14"(350mm)	Each	
7	Size 16"(400mm)	Each	
8	Size 18"(450mm)	Each	
9	Size 20"(500mm)	Each	
10	Size 24"(600mm)	Each	
11	Size 28"(700mm)	Each	
12	Size 32"(800mm)	Each	
13	Size 36"(900mm)	Each	
14	Size 40"(1000mm)	Each	
LF(7)	Class-C (GRP/ FRP-Tees) Complete		
1	Size 4"(100mm)	Each	
2	Size 6"(150mm)	Each	
3	Size 8"(200mm)	Each	
4	Size 10"(250mm)	Each	
5	Size 12"(300mm)	Each	
6	Size 14"(350mm)	Each	
7	Size 16"(400mm)	Each	
8	Size 18"(450mm)	Each	
9	Size 20"(500mm)	Each	
10	Size 24"(600mm)	Each	
11	Size 28"(700mm)	Each	
12	Size 32"(800mm)	Each	
13	Size 36"(900mm)	Each	
14	Size 40"(1000mm)	Each	
LF(8)	Class-C (GRP/ FRP-Bend) Complete		
1	Size 4"(100mm)	Each	
2	Size 6"(150mm)	Each	
3	Size 8"(200mm)	Each	
4	Size 10"(250mm)	Each	
5	Size 12"(300mm)	Each	
6	Size 14"(350mm)	Each	
7	Size 16"(400mm)	Each	
8	Size 18"(450mm)	Each	
9	Size 20"(500mm)	Each	
10	Size 24"(600mm)	Each	
11	Size 28"(700mm)	Each	
12	Size 32"(800mm)	Each	
13	Size 36"(900mm)	Each	
14	Size 40"(1000mm)	Each	
LF(9)	Class-D (Pipe + Bell Coupler) Complete		
1	Size 4"(100mm)	P.Rft	
2	Size 6"(150mm)	P.Rft	
3	Size 8"(200mm)	P.Rft	
4	Size 10"(250mm)	P.Rft	
5	Size 12"(300mm)	P.Rft	
6	Size 14"(350mm)	P.Rft	
7	Size 16"(400mm)	P.Rft	
8	Size 18"(450mm)	P.Rft	
9	Size 20"(500mm)	P.Rft	
10	Size 24"(600mm)	P.Rft	
11	Size 28"(700mm)	P.Rft	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
12	Size 32"(800mm)	P.Rft	
13	Size 36"(900mm)	P.Rft	
14	Size 40"(1000mm)	P.Rft	
LF(10)	Class-D (GRP/ FRP-Flanges) Complete		
1	Size 4"(100mm)	Each	
2	Size 6"(150mm)	Each	
3	Size 8"(200mm)	Each	
4	Size 10"(250mm)	Each	
5	Size 12"(300mm)	Each	
6	Size 14"(350mm)	Each	
7	Size 16"(400mm)	Each	
8	Size 18"(450mm)	Each	
9	Size 20"(500mm)	Each	
10	Size 24"(600mm)	Each	
11	Size 28"(700mm)	Each	
12	Size 32"(800mm)	Each	
13	Size 36"(900mm)	Each	
14	Size 40"(1000mm)	Each	
LF(11)	Class-D (GRP/ FRP-Tees) Complete		
1	Size 4"(100mm)	Each	
2	Size 6"(150mm)	Each	
3	Size 8"(200mm)	Each	
4	Size 10"(250mm)	Each	
5	Size 12"(300mm)	Each	
6	Size 14"(350mm)	Each	
7	Size 16"(400mm)	Each	
8	Size 18"(450mm)	Each	
9	Size 20"(500mm)	Each	
10	Size 24"(600mm)	Each	
11	Size 28"(700mm)	Each	
12	Size 32"(800mm)	Each	
13	Size 36"(900mm)	Each	
14	Size 40"(1000mm)	Each	
LF(12)	Class-D (GRP/ FRP-Bend) Complete		
1	Size 4"(100mm)	Each	
2	Size 6"(150mm)	Each	
3	Size 8"(200mm)	Each	
4	Size 10"(250mm)	Each	
5	Size 12"(300mm)	Each	
6	Size 14"(350mm)	Each	
7	Size 16"(400mm)	Each	
8	Size 18"(450mm)	Each	
9	Size 20"(500mm)	Each	
10	Size 24"(600mm)	Each	
11	Size 28"(700mm)	Each	
12	Size 32"(800mm)	Each	
13	Size 36"(900mm)	Each	
14	Size 40"(1000mm)	Each	
LH	Compression Fitting For Polyethylene Pipes (PE-100)		
LH(1)	Straight Coupler		
1	20 mm X 20 mm	Each	
2	25 mm X 25 mm	Each	
3	32 mm X 32 mm	Each	
4	40 mm X 40 mm	Each	
5	50 mm X 50 mm	Each	
6	63 mm X 63 mm	Each	
7	75 mm X 75 mm	Each	
8	90 mm X 90 mm	Each	
9	110mm X 110mm	Each	
LH(2)	Equal Bend		
1	20 mm X 20 mm	Each	
2	25 mm X 25 mm	Each	
3	32 mm X 32 mm	Each	
4	40 mm X 40 mm	Each	
5	50 mm X 50 mm	Each	
6	63 mm X 63 mm	Each	
7	75 mm X 75 mm	Each	
8	90 mm X 90 mm	Each	
LH(3)	Equal Tee		
1	20 mm X 20 mm	Each	
2	25 mm X 25 mm	Each	
3	32 mm X 32 mm	Each	
4	40 mm X 40 mm	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
5	50 mm X 50 mm	Each	
6	63 mm X 63 mm	Each	
7	75 mm X 75 mm	Each	
8	90 mm X 90 mm	Each	
LH(4)	End Cap		
1	20 mm X 20 mm	Each	
2	25 mm X 25 mm	Each	
3	32 mm X 32 mm	Each	
4	40 mm X 40 mm	Each	
5	50 mm X 50 mm	Each	
6	63 mm X 63 mm	Each	
7	75 mm X 75 mm	Each	
8	90 mm X 90 mm	Each	
9	110mm X 110mm	Each	
LH(5)	Reducing Coupler		
1	25 mm X 20 mm	Each	
2	32 mm X 20 mm	Each	
3	32 mm X 25 mm	Each	
4	40 mm X 25 mm	Each	
5	40 mm X 32 mm	Each	
6	50 mm X 25 mm	Each	
7	50 mm X 32 mm	Each	
8	50 mm X 40 mm	Each	
9	63 mm X 32 mm	Each	
10	63 mm X 50 mm	Each	
11	75 mm X 50 mm	Each	
12	75 mm X 63 mm	Each	
13	90 mm X 63 mm	Each	
14	90mm X 75mm	Each	
LH(6)	Reducing Tee		
1	25 mm X 20 mm	Each	
2	32 mm X 20 mm	Each	
3	32 mm X 25 mm	Each	
4	40 mm X 32 mm	Each	
5	50 mm X 25 mm	Each	
6	50 mm X 32 mm	Each	
7	50 mm X 40 mm	Each	
8	63 mm X 32 mm	Each	
9	63 mm X 50 mm	Each	
10	75 mm X 63 mm	Each	
11	90 mm X 63 mm	Each	
12	90 mm X 75 mm	Each	
LH(7)	Female Bend		
1	20 mm X 1/2"	Each	
2	20 mm X 3/4"	Each	
3	25 mm X 1/2"	Each	
4	25 mm X 3/4"	Each	
5	25 mm X 1"	Each	
6	32 mm X 3/4"	Each	
7	32 mm X 1"	Each	
8	50 mm X 1-1/2"	Each	
9	63 mm X 2"	Each	
10	90 mm X 3"	Each	
LH(8)	Male Bend		
1	20 mm X 1/2"	Each	
2	20 mm X 3/4"	Each	
3	25 mm X 1/2"	Each	
4	25 mm X 3/4"	Each	
5	25 mm X 1"	Each	
6	32 mm X 3/4"	Each	
7	32 mm X 1"	Each	
8	40 mm X 1-1/4"	Each	
9	50 mm X 1-1/4"	Each	
10	50 mm X 1-1/2"	Each	
11	63 mm X 2"	Each	
12	90 mm X 3"	Each	
LH(9)	Male Adapter		
1	20 mm X 1/2"	Each	
2	20 mm X 3/4"	Each	
3	25 mm X 1/2"	Each	
4	25 mm X 3/4"	Each	
5	25 mm X 1"	Each	
6	32 mm X 1/2"	Each	

**INPUT RATES OF MATERIAL FOR 1st BI-ANNUAL-2022
(01.01.2022 TO 30.06.2022)**

Item	Material	Unit	Name of District
7	32 mm X 3/4"	Each	
8	32 mm X 1"	Each	
9	40 mm X 1"	Each	
10	40 mm X 1-1/4"	Each	
11	40 mm X 1-1/2"	Each	
12	50 mm X 1-1/4"	Each	
13	50 mm X 1-1/2"	Each	
14	63 mm X 2"	Each	
15	75 mm X 2-1/2"	Each	
16	90 mm X 3"	Each	
17	110 mm X 4"	Each	
LH(10)	Female Adapter		
1	20 mm X 1/2"	Each	
2	20 mm X 3/4"	Each	
3	25 mm X 1/2"	Each	
4	25 mm X 3/4"	Each	
5	25 mm X 1"	Each	
6	32 mm X 3/4"	Each	
7	32 mm X 1"	Each	
8	40 mm X 1"	Each	
9	40 mm X 1-1/4"	Each	
10	40 mm X 1-1/2"	Each	
11	50 mm X 1-1/4"	Each	
12	50 mm X 1-1/2"	Each	
13	63 mm X 2"	Each	
14	75 mm X 2-1/2"	Each	
15	90 mm X 3"	Each	
LH(11)	Male Tee		
1	20 mm X 1/2"	Each	
2	20 mm X 3/4"	Each	
3	25 mm X 3/4"	Each	
4	25 mm X 1"	Each	
5	32 mm X 3/4"	Each	
6	32 mm X 1"	Each	
7	50 mm X 1-1/4"	Each	
8	50 mm X 1-1/2"	Each	
9	63 mm X 2"	Each	
10	90 mm X 3"	Each	
LH(12)	Female Tee		
1	20 mm X 1/2"	Each	
2	20 mm X 3/4"	Each	
3	25 mm X 1/2"	Each	
4	25 mm X 3/4"	Each	
5	25 mm X 1"	Each	
6	32 mm X 3/4"	Each	
7	32 mm X 1"	Each	
8	50 mm X 1-1/2"	Each	
9	63 mm X 2"	Each	
10	90 mm X 3"	Each	
LH(13)	Tapping Saddle		
1	25 mm X 1/2"	Each	
2	25 mm X 3/4"	Each	
3	32 mm X 1/2"	Each	
4	32 mm X 3/4"	Each	
5	40 mm X 1/2"	Each	
6	40 mm X 3/4"	Each	
7	40 mm X 1"	Each	
8	50 mm X 1/2"	Each	
9	50 mm X 3/4"	Each	
10	50 mm X 1"	Each	
11	63 mm X 1/2"	Each	
12	63 mm X 3/4"	Each	
13	63 mm X 1"	Each	
14	63 mm X 1-1/4"	Each	
15	75 mm X 1/2"	Each	
16	75 mm X 3/4"	Each	
17	75 mm X 1-1/4"	Each	
18	75 mm X 1-1/2"	Each	
19	90 mm X 3/4"	Each	
20	90 mm X 1/2"	Each	
21	90 mm X 1"	Each	
22	90 mm X 1-1/4"	Each	
23	90 mm X 1-1/2"	Each	
24	90 mm X 2"	Each	