

Government of AJ&K ICSR-2009,Volume-I Distt. Havali

AZAD GOVERNMENT OF THE STATE OF JAMMU AND KASHMIR

COMPOSITE SCHEDULE OF RATES- 2011

(UPDATED FOR APRIL TO JUNE 2010-11)

DISTRICT HAVALI

PLANNING AND DEVELOPMENT DEPARTMENT, KASHMIR PLAN HOUSE. BLOCK NO. 11, NEW CIVIL SECRETARIAT, GO.AJK, MUZAFFARABAD.

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GENERAL CONDITIONS

- The work contained in this Schedule of Rates shall be carried out in accordance with the specifications given briefly for each item and the applicable provisions of the West Pakistan Schedule of Rates Committee Specifications as adopted by the Government of AJ&K duly amended from time to time
- 2. The rates entered against all items in the Schedule of Rates are those referred to in contract as the basic rates which cover the cost of all materials, transportation to site of work, labour, equipment, tools, plants, supervision charges, all Government levies, imports, octroi charges, overheads, profits and incidental cost thereto required for the satisfactory completion of the work. Charges for testing the Public Health engineering and Electrical works are also included in this schedule.
- 3. Unless otherwise stipulated, measurements for payment for the work done shall confirm to the specification for the execution of works West Pakistan Standing Rates Committee adopted by the Government of AJ&K.
- 4. For certain items of the work floor-wise rates have been entered in this schedule. For this purpose, the rates for the basement shall be applied to all works below the foundation up to the top of roof of basement. Rates for the ground floor include the cost of all works from the top of the basement roof up to the top of ground floor and so on. Parapet, water tank and stair wall etc. shall be considered as part of the floor above which these are constructed.
- 5. If a discrepancy is found between various documents, the order of precedence given below shall govern to determine the scope of the contracted work forming part of the contract based on this schedule:
 - Schedule of Quantities
 - West Pakistan Standing Rates Committee Specifications as adopted by the Government of AJ&K.
 - Special condition of the agreement
 - Conditions of contract
 - Drawings
- 6. The unit rates of plant, materials and labor given in this schedule are indicative and shall not form bases for a claim by the contractor for the works let out on percentage above or below the composite schedule of items
- 7. Nominal conversion figures from System International to System Imperial have been given as complete switch over has not yet been achieved.
- 8. Provision of Contractor's Overheads and profit has been made in the rate analysis of each item. Overheads shall include the following items:
 - i. Cost of Manpower not charged to the items directly such as Contractor's Head Office, Project Office, Security, Laboratory, Survey, Account, Stone and Administration staff.
 - ii. Expenses on Laboratory, Camp, Workshop, Office and allied equipments and fixtures.
 - iii. Small equipment, tools and attachments.
 - iv. Advance tax deductible at source.



ABBRIVATIONS USED

SYSTEM IMPERIAL		SYSTEM INTERNATIONAL	
Running foot	R.ft.	Millimeter	mm
Square foot	Sq.ft.	Centimeter	cm
Cubic foot	Cu.ft.	Running Meter	RM
Pound	Lb	Square Meter	Sq.m
Ounce	Oz	Cubic Meter	Cu.m.
Pounds per Square inch	Psi	Kilogram	Kg.
Gross	Grs	Newton per millimeter square	N/mm ²
Maund	Mnd	Hundred	Hund
Dozen	Dz		



CONVERSION FACTORS

TO CONVERT	INTO	MULTIPLY BY
<u>LENGTH</u>		
Inch	Millimeter	25.40
Millimeter	Inch	0.0394
Foot	Meter	0.3048
Meter	Foot	3.2808
Yard	Meter	0.9144
Meter	Kilometer	1.6093
Kilometer	Mile	0.6214
Canal Mile (500 feet)	Kilometer	1.524
Kilometer	Canal Mile	0.6562
Girah	Millimeter	57.15
Mile International		
Nautical (6076.12 feet)	Meter	1852.00
Mile UK nautical (6080 feet)	Meter	1853.18
MASS WEIGHT		
Pound	Kilogram	0.4536
Kilogram	Pound	0.2046
Ounce	Gram	28.3495
Gram	Ounce	0.0353
Quintal	Kilogram	100.00
Grain	Milligram	64.7989
Hundred Weight	Kilogram	50.8023
Tonne	Hundred Weight	19.6841
Ton	Kilogram	1016.047
MASS WEIGHT	- 5 -	
	-	4.0400
Ton	Tonne	1.0160
Tonne	Ton	0.9842
Seer	Kilogram	0.9331
Maund	Kilogram	37.324
Tola	Gram	11.664
Short Ton (2000 lbs)	Tonne	0.9072

3	Res (
R RO SAMM	J& KAST

TO CONVERT	INTO	MULTIPLY BY
AREA		
Square Inch	Square Millimeter	645.16
Square millimeter	Square inch	0.0015
Square Foot	Square Meter	0.0929
Square meter	Square foot	10.7639
Square Yard	Square meter	0.8361
Square meter	Square Yard	1.1960
Acre	Square meter	4046.8564
Acre	Hectare	0.4047
Hectare	Acre	2.4787
Hectare	Square meter	10000
Square mile	Square kilometer	2.5899
Square Kilometer	Square mile	0.3861
Square mile	Hectare	258,999
Hectare	Square mile	0.00386
CAPACITY, VOI UME A	ND MODULES OF SECTION	
	ND MODULES OF SECTION	
Pint (UK)	Liter	0.5683
Pint (UK) Gallon (imperial)	Liter Liter	4.5461
Pint (UK) Gallon (imperial) Cubic foot	Liter Liter Liter	4.5461 28.3168
Pint (UK) Gallon (imperial) Cubic foot Cubic meter	Liter Liter Liter Liter	4.5461 28.3168 1000
Pint (UK) Gallon (imperial) Cubic foot Cubic meter Liter	Liter Liter Liter Liter Cubic foot	4.5461 28.3168 1000 0.0353
Pint (UK) Gallon (imperial) Cubic foot Cubic meter Liter Cubic inch	Liter Liter Liter Liter Cubic foot Millimeter	4.5461 28.3168 1000 0.0353 16.3871
Pint (UK) Gallon (imperial) Cubic foot Cubic meter Liter Cubic inch Fluid ounce	Liter Liter Liter Liter Cubic foot Millimeter Millimeter	4.5461 28.3168 1000 0.0353 16.3871 28.413
Pint (UK) Gallon (imperial) Cubic foot Cubic meter Liter Cubic inch Fluid ounce Liter	Liter Liter Liter Liter Cubic foot Millimeter Millimeter Gallon (imperial)	4.5461 28.3168 1000 0.0353 16.3871 28.413 0.2199
Pint (UK) Gallon (imperial) Cubic foot Cubic meter Liter Cubic inch Fluid ounce Liter Cubic Inch	Liter Liter Liter Liter Cubic foot Millimeter Millimeter Gallon (imperial) Cubic millimeter	4.5461 28.3168 1000 0.0353 16.3871 28.413 0.2199 16387.1
Pint (UK) Gallon (imperial) Cubic foot Cubic meter Liter Cubic inch Fluid ounce Liter Cubic Inch Cubic foot	Liter Liter Liter Liter Cubic foot Millimeter Millimeter Gallon (imperial) Cubic millimeter Cubic meter	4.5461 28.3168 1000 0.0353 16.3871 28.413 0.2199 16387.1 0.0283
Pint (UK) Gallon (imperial) Cubic foot Cubic meter Liter Cubic inch Fluid ounce Liter Cubic Inch Cubic foot Cubic meter	Liter Liter Liter Liter Cubic foot Millimeter Millimeter Gallon (imperial) Cubic millimeter Cubic meter Cubic foot	4.5461 28.3168 1000 0.0353 16.3871 28.413 0.2199 16387.1 0.0283 35.3147
Pint (UK) Gallon (imperial) Cubic foot Cubic meter Liter Cubic inch Fluid ounce Liter Cubic Inch Cubic foot Cubic meter Cubic Yard	Liter Liter Liter Liter Cubic foot Millimeter Millimeter Gallon (imperial) Cubic millimeter Cubic meter Cubic foot Cubic foot	4.5461 28.3168 1000 0.0353 16.3871 28.413 0.2199 16387.1 0.0283 35.3147 0.7645
CAPACITY, VOLUME A Pint (UK) Gallon (imperial) Cubic foot Cubic meter Liter Cubic inch Fluid ounce Liter Cubic Inch Cubic Inch Cubic foot Cubic meter Cubic Yard Cubic meter Acre foot	Liter Liter Liter Liter Cubic foot Millimeter Millimeter Gallon (imperial) Cubic millimeter Cubic meter Cubic foot	4.5461 28.3168 1000 0.0353 16.3871 28.413 0.2199 16387.1 0.0283 35.3147



CONVERSION FACTORS

TO CONVERT	INTO	MULTIPLY BY
VLOCITY AND SPEED		
Foot per second Foot per minute Foot per second Kilometer per hour Mile per hour Kilometer per hour Mile per hour	Meter per second Meter per second Kilometer per hour Foot per second Meter per second Mile per hour Kilometer per hour	0.3048 0.0051 1.0973 0.9113 0.4470 0.6214 1.6093
FORCE		
Kilogram force Pound force Ton force Newton Kilo Newton	Newton Newton Kilo Newton Pound force Ton force	0.8066 4.4482 9.9640 0.2248 0.1004
FORCE PER UNITE LENGTH		
Pound force per foot	Newton per meter	14.5939
PRESSURE, STRESS AND MOD	OULES OF ELASTICITY (1Pa	=IN/m ²⁾
Pound per Square foot Pound force per square inch Ton force per square inch Kilo Pascals Ton force per square inch Mega Pascals	Pascals Kilo Pascals Kilo Pascals Pound force per square foot Mega pascals Pound force per square inch	47.8803 6.8948 107.252 20.8354 15.4443 145.038

MASS PER UNIT LENGTH

Pound per foot	Kilogram per meter	1.4882
Kilogram per meter	Pound per foot	0.6720
Ton per mile	Ton per kilometer	0.6313



Ton force inch

0.2531

CONVERSION FACTORS

TO CONVERT	INTO	MULTIPLY BY
MASS PER UNIT AREA		
Ton per Square mile Pound per square foot Kilogram per square meter	Kilogram per square kilometer Kilogram per square meter Pound per square foot	392.298 4.8824 0.2048
MASS PER UNIT VOLUME		
Pound per Cubic foot Pound per Cubic foot Kilogram per Cubic meter Grams per Liter	Kilogram per Cubic meter Grams per liter Pound per cubic foot Pound per cubic foot	16.0185 16.0185 0.06243 0.06243
VOLUME RATE OF FLOW		
Cubic foot per second (cusec) Cubic foot per second (cusec) Gallon per minute Cubic foot per thousand acres Cubic foot per thousand acres	Cubic meter per second (cusec) Liter per second Liter per second Liter per hectare Cubic meter per square kilomete	0.02832 28.3168 0.0757 0.0670 r 0.0070
FUEL CONSUMPTION		
Gallon per mile Mile per Gallon	Liter per kilometer Kilometer per liter	2.825 0.354
MOVEMENT OF FORCE TORQU	IE	
Pound force foot Pound force inch Ton force foot	Newton meter Newton meter Kilonewton meter	1.3558 0.1130 3.0370

Kilonewton meter



CONVERSION FACTORS

TO CONVERT	INTO	MULTIPLY BY
SECOND MOMEMT OF AREA		
Inch ⁴	Millimeter ⁴	416231
PLANE ANGLE		
Degree	Radian	0.0174
WORK, ENERGY, POWER (1J =1Ws)		
Kilowatt hour Foot pound force Horse Power Horse power	Kilo joule Joule Kilowatt Kilogram force meter per sec	3600 1.3558 0.7457 76.0402

*For exact values, please consult Standard Hand Books



CARRIAGE

- 1. CARRIAGE OF MATERIALS INCLUDE LOADING, UNLOADING AND STACKING AT SITE.
- 2. THE TERM "KM." WHENEVER USED IS TO MEAN STATUE KILOMETER.
- 3. THE PATES FOR CARRIAGE BY BOAT OR STREAMER SHALL BE THE SAME AS BY ANY OTHER MECHANICAL MEANS ON LAND.



SECTION – 2

LOADING, UN-LOADING AND STACKING

1. THE RATE FOR LOADING INTO AND UN-LOADING FROM TROLLIES & BOATS WILL BE THE SAME AS FOR MOBILE TRUCKS.

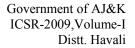


EARTH WORK

- 1. THE SOIL CLASSIFACTION (HARD, VERY HARD, WET AND SLUSH) WILL BE APPROVED BY THE SUPERINTENDING ENGINEER.
- 2. IN CASE OF EMBANKMENT FILL, THE MODE OF MEASUREMETN WILL BE INDICATED IN THE TENDER.
- 3. IN CASE BANK MEASUREMENT IS NECESSARY, FOLLOWING ALLOWANCES SHOULD BE PROVIDED FOR:
 - a) DEDUCATION FOR SHRINKAGE FROM THE BANK MEASUREMENT WHEN THE EARTWORK IS DONE BY MANUAL LABOUR = 10%.
 - b) DEDUCATION FOR SETTLEMENT FROM THE BANK **MEASUREMENTS** WHEN THE EARTH-WORK IS DONE BY DIFFERENT TYPE OF MACHINARY WILL BE AS UNDR: i. TRACTOR 6% ii. BULLDOZERS 4% iii. SCRAPERS 3%

where the above equipment is deployed in fleet the minimum factor specified will be applied.

4. NO DEDUCATION WILL BE MADE FOR RAMMED/ COMPACTED FILL.



DISMANTLING (DEMOLITION)

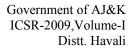
- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL AND BY PRODUCTS.
- 2. THE RATES FOR DISMANTLING ROOFS OR UPPER STORY FLOOR INCLUDE THE DISMANTLING OF ALL MATEHIALS, EXCEPT ROOF SUPPORTS SUCH AS BEAM AND TRUSSES.
- 3. ADD EXTRA 20% AND 25% FOR 2ND & 3RD AND 30% FOR 4TH & SUVSEQUENT FLOORS RESPECTIVELY.



PLAIN AND REINFORCED CONCRETE

- 1. RATES FOR ITEM 5-2 TO 5-4 ARE FOR UNFORMED CONCRETE
- 2. RATES FOR OTHER ITEMS ARE FOR MACHINE MIXED FORMED CONCRETE IN CASE EXIGENCY OF THE WORK SO WARRANTS, HAND MIXING MAY BE DONE WITH ADDITION OF 10% EXTRA CEMENT AT NO EXTRA COST.
- 3. THE CEMENT CONCRETE MAY EITHER BE PLAIN OR REINFORCED AND SHALL BE PAYABLE AT THE RATES SPECIFIED AGAINST RESPECTIVE ITEMS. THE STEEL REINFORCEMENT SHALL HOWEVER BE PAYABLE SEPARATELY UNDER APPLICABLE ITEMS 5-44 OF THE SCHEDULE.
- 4. RATES FOR ALL FINSHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSEK MATERIAL, BY PRODUCTS AND SITE CLEARANCE.



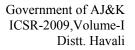


AMAGE & KASS

SECTION-6

PRESTRESSED CONCRETE

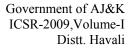
- 1. RATES FOR ALL FINSHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRAI, UNUSED MATERIAL, BY PRODUCTS AND SITE CLEARANCE.
- 2. THE PRESTRESSED CONCERETE WORKS SHALL BECARRIED OUT IN ACCORDANCE WITH SPECIFICATIONS LAID DOWN BY FREYSSINET OR SIMILAR SYSTEM.



PILE FOUNDATION CONCRETE

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.
- 2. RATES FOR DRILLING FOR DIFFERENT SIZES OF PILE SHALL BE THE SAME AS FOR TUBEWELL GIVEN IN SECTION – 27.







SECTION-8 DAMP PROOF COURSE AND WATER PROOFING

1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.

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SECTION-9

CEMENT CONCRETE BLOCK MASONRY

1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.



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SECTION-10

CEMENT CONCRETE HOLLOW BLOCK MASONRY

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.
- 2. NO PAYMENT SHALL BE MADE FOR FORMING CAVITIES IN BLOCK AND NO DEDUCTION TO BE MADE FOR HOLLOWNESS IN BLOCKS.
- SKIN THICKNESS OF HOLLOW BLOCKS SHALL BE 1" (25 mm) FOR BLOCK SIZE 300 x 100 x 200, 300 x 150 x 200, 225 x 100 x 150 AND 300 x 100 x 200.
- 4. SKIN THICKNESS OF HOLLOW BLLOCKS SHALL BE 1.5" (38 mm) FOR BLOCK SIZE 300 x 200 x 200, 300 x 300 x 200, 225 x 200 x 150 AND 225 x 300 x 150.





BRICK WORK

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.
- 2. THE RATE APPLIES TO ALL SIZES OF BRICKS.
- 3. IN 2ND OR 3RD CLASS BRICKS ARE USED INSTEAD OF FIRST CLASS, THE DIFFERENCE IN RATE OF BRICKS IS DEDUCTED.
- 4. NO DEDUCTION IN MEASUREMENTS SHALL BE MADE FOR OPENING HAVING SUPERFICIAL AREA NOT EXCEEDING ONE SQUARE FOOT (0.35 SQUARE METERS).



SECTION-12

STONE MASONRY

1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.



SECTION-13

ROOFING

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.
- 2. ADD EXTRA 5% AND 10% SECOND, THIRD, 15% FOR FOURTH AND SUBSEQUENT FLOOR RESPECTIVELY.



SECTION-14

FLOORING

1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.



SECTION-15

FINISHING

1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.



SECTION-16

WOOD WORK

- 1. NO EXTRA RATE IS TO BE PAID FOR SAWING.
- 2. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.



PAINTING AND VARNISHING

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.
- 2. RATES INCLUDE CHARGES FOR SCAFFOLDING AND OTHER ARRANGEMENTS AT ANY HEIGHT AND IN ANY FLOOR.
- 3. RATES FOR PAINTING SASHES, FANLIGHT, FULLY GLAZED DOORS AND WINDOWS SHALL BE 60% OF RWSPECTIVE ITEMS.



LINING OF CANALS

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.
- 2. RATES ALSO INCLUDE CURING FOR SPECIFIED PERIOD WHEREEVER NECESSARY.
- 3. NOMINAL DIMENSIONS OF TILE OR BRICK SHALL BE TAKEN FOR THE PURPOSE OF MEASUREMENT AND PAYMENT.
- 4. JOINTS TREATMENT WILL BE PAID FOR RESPECTIVE ITEMS IN SECTION - 5 "CONCRETE"



PROTECTION AND DIVERSION WORKS

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.
- 2. THE COMPOSITE RATES OF THE ITEMS IN WHICH STONE, BOULDER, SHINGLE ETC. AND USED DO NOT CONTAIN THE CARRIAGES OF THESE MATERIALS WHICH WILL BE PAID SEPARATELY WHICHEVER MEANS OF TRANSPORT IS ADOPTED. THE SUPPLY AND CARRIAGE TO SITE OF WORK OF ALL OTHER MATERIAL, REQUIRED IN ITEM IS INCLUDED IN THE COMPOSITE RATE.
- 3. THE CARRIAGE OF STONE OR SPAWL WILL BE PAID ON THE BASIS OF ACTUAL STACK MEASUREMENT (WITHOUT ANY REDUCTION FACTOR) OF THE STONE, BOULDERS, SHINGLE OR SPAWL CARRIED.
- 4. THE STONE, BOULDERS OR SPAWL IS WHERE ISSUED FORM STOCK AND THE CONTRACTOR IS PAID FOR CARRIAGE AND /OR LABOUR ONLY OR WHERE SUCH STONE PRODUCT IS SUPLLIED, CARRIED OR HANDLED BY THE CONTRACTOR IN WHICH NO LAYING IS REQUIRED, THE ACTUAL STACK MEASUREMENT (WITHOUT ANY REDUCTION FACTOR) SHALL FORM THE BASIS OF PAYMENT OF SUPPLY OR CARRIAGE OF THE STONE, BOULDER OR SPAWL ETC. THE QUANTITY OF FINSHED AND COMPLETED ITEM OF WORK SHALL FORM THE BASIS OF THE LAYING.
- 5. IN CASE OF THE ITEMS IN WHICH THE RATES INCLUDE CARRIAGE OF STAKES, BUSHING, PILCHI, SARKANDA OR FRASH ETC. WITHIN ONE KM.
 - a) THE COST OF THE CARRIAGE WITHIN ONE KM. SHALL NOT BE DEDUCTED FROM THE CARRIAGE CHARGES TO FOLLOW THEREAFTER FROM THE POINT OF SUPPLY.
 - b) IF THE SITE OF WOK HAPPENS TO BE WITHIN ONE KM. OF THE SOURCE OF SUPPLY, THEMATERIAL WILL BE COLLECTED AND MEASURED AT SITE OF WORK AND NO EXTRA CARRIAGE WOULD BE ADMISSIBLE IN SUCH CASES.
 - c) WHERE THE SITE OF THE WORK IS SITUATED AT MORE THAN ONE KM. DISTANCE FROM THE SOURCE OF SUPPLY, THE POINT OF SUPPLY WILL BE FIXED CAREFULLY BY THE ENGINEER-IN-CHARGE IN SUCH A WAY THAT THE CARRIAGE WILL BE ADMISSIBLE FROM THE PLACE OF STARTING POINT. THE DEMARCATION OF THE PLACE OF SUPPLY SHALL BE PRE-DETERMINED BEFORE CALLING THE TENDERS.
- 6. IN CASE OF STONE PITCHING WORK, NO VOIDS DEDUCTION WILL BE MADE WHILE MEASURING THE FINISHED WORK.



OUTLETS

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.
- 2. THE ITEMS OF WORK INVOLVED IN CONSTRUCTION OF OUTLETS SUCH AS EARTHWORK, CONCRETE AND BRICK WORK SHALL BE PAID FOR UNDER RESPECTIVE ITEMS OF THE RELEVANT SECTION.
- 3. THE MANUFACTURE, SUPPLY AND DELIVERY TO SITE OF A.P.M. AND/OR O.F. OUTLETS IRON BLOCKS SHALL BE THE RESPONSIBILITY OF THE DEPARTMENT.

ROAD AND ROAD STRUCTURES

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.
- 2. THE RATES INCLUDE PROVISION AND MAINTENANCE OF FIELD TEST LABOUATORY STAFF, COST OF MATERIAL FOR TESTING ETC.
- 3. PAYMENTS FOR ITEMS OF ROADS AND ROAD STRUCTURE SHALL BE MADE FROM THIS SECTION.





SECTION-22

SHEET PILING

1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS.

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SECTION-23

PLUMBING, SANITARY INSTALLATIO & GAS FITTINGS

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS.
- 2. THE RATES INCLUDE CUTTING AND MAKING GOOD OF THE SURFACE OF WALLS, ROOFS, AND FLOORS ETC. WHER NECESSARY.
- 3. ADD 10% EXTRA FOR FIXING SPECIALS IN REPAIR WORK FOR ITEM 23-46.





SURFACE DRAINAGE

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS.
- 2. CEMENT PLASTER WHERE APPLIED SHALL BE MEASURED FOR PAYMENT SEPERATELY.



SEWERAGE

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS.
- 2. EXCAVATION AND BACKFILLING FOR FOUNDATION AND TRENCHES SHALL BE PAID FOR SEPARATELY.
- 3. DEPTH OF CHAMBER SHALL BE MEASURED VERTICALLY FROM TOP OF COST IRON COVER TO TOP SURFACE OF FLOORING.
- 4. IF SPECIFACATIONS OF MANHOLES AS MENTIONES IN ITEM NO. 25-4 TO 25-8 ARE NOT MET THAN PAYMENT SHALL BE MADE FOR DIFFERENT ITEMS FROM OTHER SECTIONS OF THIS SCHEDULE.



SINKING OF WELLS

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS.
- 2. WELL CURBS TO BE LAID AT SPRING LEVEL OR AS DEEP AS POSSIBLE.
- 3. THE OUTER DIMENTION OF THE CURB SHALL FORM BASIS OF PAYMENT.

TUBEWELL AND WATER SUPPLY

- 1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.
- 2. THE CAST IRON PIPES AND FITTINGS SHALL COMPLY WITH B.S. 78 FOR SPIGOT AND SOCKET, CAST IRON VERTICALS PIPES AND B.S. 2035 FOR FLANGED PIPES.
- 3. P.V.C. PIPES AND FITTINGS SHALL COMPLY WITH B.S. 3505.
- 4. ABESTOS CEMENT PIPES AND FITTINGS SHALL COMPLY WITH B.S. 486
- 5. GALVANIZED IRON PIPES AND FITTINGS SHALL COMPLY WITH B.S. 1387-1967



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SECTION-28

IRON STEEL & ALUMINIUM WORK

1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS.



SECTION-29

HORTICULTURE

1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS.

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SECTION-30

ELECTRICAL INSTALLATIONS

1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS AND SITE CLEARANCE.



MISCELLANEOUS

1. RATES FOR ALL FINISHED WORKS INCLUDE THE REMOVAL OF SURPLUS DEBRIS, UNUSED MATERIAL BY PRODUCTS.



BASIC DATA

THE BASIC RATES OF CONSTRUCTION MATERIALS, LABOUR AND HIRE CHARGES OF PLANT & EQUIPMENT HAVE BEEN LINKED WITH FILES IN DETAILED ANALYSIS (Volume-1). ANY REVISION INITIATED IN THE "BASIC DATA" FILE CORRESPONDINGLY REVISE THE RELEVENT ITEM RATE. THESE RATES HAVE BEEN OBTAIND AFTER EXTENSIVE MARKET SURVEY.