



TENDER FOR

**Annual Rate Contract for Laying of CI/DI Pipe line,
Construction of Valve Chamber, Tube Well and Hand pump in
North zone for the year 2025-26.**

VOLUME – II PRICE BID

***EXECUTIVE ENGINEER
WATER SUPPLY, VMC***

VADODARA MUNICIPAL CORPORATION

Price-bid

Name of Work:- Annual Rate Contract for Laying of CI/DI
Pipe line, Construction of Valve Chamber, Tube Well and Hand
pump in North zone for the year 2025-26

Name of Tenderer : _____

Address of Tenderer : _____

**Executive Engineer (W.W.)
Vadodara Municipal Corporation**

Signature of Tenderer : _____

**Signature of the Officer issuing
the Tender documents :** _____

**Signature of the Officer
opening the Tender :** _____

VADODARA MUNICIPAL CORPORATION

Name of Work:- Annual Rate Contract for Laying of CI/DI Pipe line, Construction of Valve Chamber, Tube Well and Hand pump in North zone for the year 2025-26

- 1) For all items (i.e. Part A + B + C+ D +E)

ABSTRACT

Name of Work	Estimated Cost	Tender cost in Rs.	
		In Figures	In Words
Annual Rate Contract for Laying of CI/DI Pipe line, Construction of Valve Chamber, Tube Well and Hand pump in North zone for the year 2025-26			
Total Rs.	Rs.5,00,00,000/-	Rs.5,00,00,000/-	Rupees Five crore Only

Signature of the Tender with seal

VADODARA MUNICIPAL CORPORATION			
WATER WORKS DEPARTMENT			
ABSTRACT SHEET			
PART - A (Labour)			
Name of work:- Annual Rate Contract for Laying of CI/DI Pipe line, Construction of Valve Chamber, Tube Well and Hand pump in North zone for the year 2025-26.			
QTY	Item Description	Unit	RATE
	Item No. 1		
	Excavation for pipeline trench including all safety provisions using side rails and stacking excavated stuff upto a lead of 90 mt. clearing the site etc. complete for lifts and strata as specified in all sorts of soil and soft murrum.		
	(GWSSB SOR 22-23, Sec. B, I.no. 1.A.1.(a),P.no.32)		
1	(1) O.O TO 1.5 Mt. Depth	M ³	102.35
1	(2) 1.5 TO 3.0 Mt. Depth	M ³	112.7
1	(3) 3.0 TO 4.5 Mt. Depth	M ³	118.45
	Item No.2		
	Lowering, laying and jointing C.I. S & S Spun pipes suitable for Tyton joints/ Mortar lined D.I. K-7 pipes of various classes with C.I./D.I./M.S. specials of following diameters in proper position, grade and alignment as directed by Engineer-in-charge labour, including transportation, loading, unloading & giving hydraulic testing etc.complete.		
	(GWSSB SOR. 22-23, Sec B, I.no.6., P.no. 36)		
1	100mm	Rmt.	63.25
1	150mm	Rmt.	87.4
1	200mm	Rmt.	113.85
1	250mm	Rmt.	146.05
1	300mm	Rmt.	178.25
1	350mm	Rmt.	216.2
1	400mm	Rmt.	258.75
1	450mm	Rmt.	304.75
1	500mm	Rmt.	358.8
1	600mm	Rmt.	464.6
1	700mm	Rmt.	589.95

	Item No.3		
1	Refilling the pipeline trenches including ramming, watering, consolidation, disposal of surplus stuff as directed within a radius of 3kms. (GWSSB SOR.22-23, Sec.B, I. No.14.1, P.No. 40)	M ³	25.3
	Item No. 4 (C)		
	Lowering, Laying, Jointing in position following C.I./DI Double Flanged Sluice valve including transportation from store to site of work, loading, unloading including cost of all labour jointing material, including nut, bolts and giving satisfactory hydraulic testing etc. complete.		
	(GWSSB SOR.22-23, Sec.B, I.no.15.(a), P.no.40,41)		
1	100mm	No.	504.85
1	150mm	No.	672.75
1	200mm	No.	853.3
1	250mm	No.	1087.9
1	300mm	No.	1312.15
1	350mm	No.	2003.3
1	400mm	No.	2266.65
1	450mm	No.	3174
1	500mm	No.	3340.75
1	600mm	No.	4562.05
1	700mm	No.	5784.5
	Item No. 6 (A)		
	Lowering, Laying & Jointing DI Specials suitable for tyton joints of following diameter in proper position, grade and alignment as directed by Engineer-in-charge including cost of EPDM rubber ring, cutting & grinding the pipe, including transportation, loading, unloading from store to site of work, labour, giving hydraulic testing etc. complete. (VMC SOR-06-07, Page No- 4, I.No-10)		
1	100mm	No.	193.75
1	150mm	No.	212.5
1	200mm	No.	250.893
1	250mm	No.	316.071
1	300mm	No.	442.857

1	350mm	No.	565.179
1	400mm	No.	704.464
1	450mm	No.	789.286
1	500mm	No.	982.143
1	600mm	No.	1295.536
1	700mm	No.	1555.357
	Item No. 6 (B)		
	Lowering, laying and jointing cast iron pipe line by lead joint with specials such as tees, bends, reducers, valves including lighting, guarding, barricading, testing etc. complete including cost of jointing materials, such as lead, hemp yarn etc. complete. but excluding excavation and refilling.		
	(VMC SOR-06-07, page no-2 I.no 04)		
1	100mm	No.	234.82
1	150mm	No.	310.71
1	200mm	No.	475
1	250mm	No.	526.79
1	300mm	No.	621.43
1	350mm	No.	689.29
1	400mm	No.	973.21
1	450mm	No.	1303.57
1	500mm	No.	1607.14
1	600mm	No.	1964.29
1	700mm	No.	2287.50
1	750mm	No.	2678.57
	Item No. 7		
	Labour charges for cutting CI/DI pipes with the help of requisite tools as directed.		
	(GWSSB SOR 22-23, Sec.B, I.No. 18(a), P.no.42)		
1	1) Pipe thk. Upto 10 mm.	Cm.	1.27
1	1) Pipe thk. Upto 11 mm to 20 mm.	Cm.	1.61
	Item No. 8		
	Transporting of pipe of all type and size including loading, unloading and stacking as directed.(Wt.more then 200kg.), Article having weight up to 1 MT		
1	(GWSSB SOR.13-14, Sec.F, P.No.120, I.No.8(B) & I.No.9)		
	A) From source of supply to 5 km.	MT	707.46
	B) Beyond 5 km.to 50 km. for each additional km.	MT	7.1875

	Item No. 9		
1	Providing and casting in situ mass cement concrete in 1:4:8 using black stone crushed metal of size 25mm to 40mm incl. Consolidation curing etc. complete. (GWSSB SOR 22-23, Sec.C, I.no.1, P.no.43) proportion	M ³	3393
	Item No. 10		
	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional	M ³	3981.21
1	(R & B SOR 23-24,I.no.06002BA, P.no.51)		
	Item No. 11		
	Providing and casting in situ C.C in grade M-20(Proportions as per mix design or as per table of IS 456 2000 in masses by weigh batching) using granite, quartzite , trap metal of size 6mm to 20 mm for RCC work, including scaffolding centering, formwork, needle vibrated consolidation, curing complete up to 6 meter depth or height. (excluding cost of reinforcement and neat finishing) with centering and shuttering/deshuttering etc complete for structure other than water retaining(Below G.L)	M ³	6504
1	(GWSSB SOR.22-23,Sec C, I.No.4(5), P.No.43)		
	Item No. 12 (A)		
1	Supplying, cutting, bending, binding & placing in position steel as per plan and design and as per ISS 2502 including cost of steel and binding wire for reservoir/ structures only including lift up to 6 meter upto 6mt. height or depth below G.L for all diameters.(Thermo mechanically treated(TMT) bars Fe-415 grade for all diameters)(GWSSB SOR.22-23, Sec.C, I.No.9(9.2), P.No.45)	Kg.	73.208

	Item No. 12 (B)		
1	Supplying, cutting, bending, binding & placing in position steel as per plan and design and as per ISS 2502 including cost of steel and binding wire for reservoir/structures only including lift up to 6 meter upto 6mt. height or depth below G.L for all diameters.(CRS steel all diameter Fe 500 grade confirming to relevant I.s)(GWSSB SOR.22-23, Sec.C, I.No.9(9.5), P.No.45)	Kg.	78.58
	Item No. 13		
1	Providing 15 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on rough (similar) side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:3 (1 Cement : 3 sand)(R & B S.O.R. 23-24, P.No.93,, I.No. 17026)	M ²	186.55
	Item No. 14		
1	Providing & supplying & fixing of steel beam for supporting precast slab including one coat of primer and two coat of anticorrosive paint etc. complete.(GWSSB SOR.22-23, Sec-C, I.No.22.1(A)(2), P.No.31) +(Sec.B, P.No.41,I.No.16(b))	Kg.	85.98
	Item No. 15		
1	Providing and casting in situ mass cement concrete in 1:3:6 proportion using black stone crushed metal of size 12mm to 25mm incl. Consolidation curing etc. complete.with formwork (GWSSB SOR.22-23,Sec C, I.no.2.2.1, P.no.43)	M ³	3972
	Item No. 16		
	M.S.Specials (GWSSB SOR.22-23,Sec A, I.no.7.1A-1,2,7.1B-1,2 P.no.11)		
	A) M.S. specials plain & socket		
1	1) upto 300 mm dia.	Kg.	96
1	2) above 300 mm dia.	Kg.	96
	B) M.S. specials flanged ends		
1	1) upto 300 mm dia.	Kg.	98
1	2) above 300 mm dia.	Kg.	98

	Item No. 17		
1	Providing & laying C.I. Rod box of approximate weight of 13.5 kg. As per drawing (VMC S.O.R. 06-07, Page No- 10, I.No-10)	No.	620.54
	Item No. 18		
1	Breaking existing asphalt road with necessary tools and equipments as directed. (Approved Rate)	M ²	44.64
	Item No. 19		
1	Reinstatement of asphalt road pavement including providing and supplying all materials, labour including soling, metalling, grouting with tack coat, carpet, etc complete. (Approved Rate)	M ²	850.89
	Item No. 20		
	Removing of existing C.I. cap (VMC S.O.R. 06-07, Page No- 3, I.No-7)		
1	80 mm Dia.	No.	9.8214
1	100mm Dia.	No.	18.75
1	150mm Dia.	No.	23.21
1	200mm Dia.	No.	36.61
1	250mm Dia.	No.	117.86
1	300mm Dia.	No.	136.61
1	350mm Dia.	No.	273.21
1	400mm Dia.	No.	290.18
1	450mm Dia.	No.	584.82
1	500mm Dia.	No.	684.82
1	600mm Dia.	No.	1056.25
	Item No. 21		
	Removing of existing Pipeline incl. removal of specials, valves, jointing material including carting and stacking of removed material from site of work to the department store as directed excl. excavation and refilling.(GWSSB SOR.22-23, Sec.G, I.No.15(A), P.No. 81)		
1	80 mm Dia.	Rmt.	19.55
1	100mm Dia.	Rmt.	23
1	150mm Dia.	Rmt.	35.65
1	200mm Dia.	Rmt.	48.3
1	250mm Dia.	Rmt.	64.4
1	300mm Dia.	Rmt.	80.5
1	350mm Dia.	Rmt.	98.9
1	400mm Dia.	Rmt.	121.9

1	450mm Dia.	Rmt.	144.9
1	500mm Dia.	Rmt.	166.75
1	600mm Dia.	Rmt.	220.8
	Item No. 22 (A)		
	Connection transfer from old CI pipe to new CI pipe line		
	(Approved Rate)		
1	(1) 15mm Dia.	No.	31.25
1	(2) 20mm Dia.	No.	33.04
1	(3) 25mm Dia.	No.	34.82
	Item No. 22 (B)		
	Providing and supplying ISI mark G.I. Pipes with coupling & fittings of B-class and diameter including taxes, insurance, loading, unloading, transportation to departmental stores, stacking etc.complete (Medium Duty) including lowering, laying & jointing pipes with fittings in proper position, grade and alignment as directed by Engineer-in-charge including conveyance from store to site of work, labour giving hydraulic testing etc. complete.		
	(GWSSB SOR.22-23,Sec A, I.no.6.1(b), P.no.10 + Sec-B, I.No 7.1,P.no.36)		
1	(1) 15mm Dia.	Rmt.	114.95
1	(2) 20mm Dia.	Rmt.	141.95
1	(3) 25mm Dia.	Rmt.	196.95
	Item No. 23		
	Providing and supplying ISI mark		
	stoneware Pipes of class-A and		
	following diameter including all taxes, insurance, loading, unloading, transportation to site of work, including lowering, laying and jointing with cement joint in C.C(1:1) in proper position, grade and alignment etc.complete		
	(GWSSB SOR.22-23, Sec.A, I.No.11.1, P.No.17 + Sec.B, I.No.12, P.No.40)		
1	1) 100mm Dia.	Rmt.	179.7
1	2) 150mm Dia.	Rmt.	264.2

	Item No. 24		
1	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (R&B SOR 2023-24 P NO. 99 I.No NO.20005)	M ²	46.31
	Item No. 25		
1	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work (R & B SOR 23-24, P. No. 99, I. No.20002).	M ³	1020.60
	Item No. 26		
1	Laying and fixing of 50mm thick interlocking paver block as per design given by Engineer Incharge with 50mm thick sand bed layer, watering, compacting paving with compacter by mechanical compacter etc. complete as per specification .(Approved Rate)	M ²	125.49
	Item No. 27		
1	Filling in foundation and plinth with brick Bats Chhara in layers of 20cm. thickness including watering, remming and consolidating etc. complete.(Up to 10 ton) (R & B SOR 23-24, I.no. 04009A, P.no.36)	M ³	594.61
	Item No. 28		
1	Providing and fixing pre-cast Rubber Dye /steel Dye inter locking concrete block 60mmthick with grade of concrete M300 pneumaticcompressed / vibrated mechanically and asper approved design Confirming to IS 15658 :2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. Complete (R & B SOR 23-24, I.no. 14033, P.no.86)	M ²	680.1

	Item No. 29		
	HS/MS pipe cutting with necessary tools (GWSSB SOR.22-23, Sec.E, I.No.8.2), P.No.67)		
1	1) up to 5 mm thick	Rmt.	41.4
1	2) 5 to 10 mm thick	Rmt.	64.4
1	3) above 10 mm thick	Rmt.	82.8
	Item No. 30		
1	HS/MS pipe welding incl. finishing of joint. (GWSSB SOR.22-23, Sec-E, I.No. 7.2, P.No.67)	Rmt.	729
	Item No. 31		
	Removing the Sluice valve as directed by engineer in charge shifting and placing the same valve in line and level as directed by engineer in charge (VMC S.O.R. 06-07, Page No- 4, I.No-11)		
1	100mm	No.	196.43
1	150mm	No.	317.86
1	200mm	No.	375
1	250mm	No.	499.11
1	300mm	No.	619.64
1	350mm	No.	816.96
1	400mm	No.	974.11
1	450mm	No.	1180.36
1	500mm	No.	1386.61
1	600mm	No.	1596.43
	Item No. 32		
1	Dewatering by pumping set of required capacity including temporary platform carting pumping at site and fixing same in position including all accessories and fuel labour etc. complete. (GWSSB SOR 22-23 part 2, Sec.E, I.no.1, P.no. 104)	HP/hr.	18.32
	Item No. 34		
1	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	M ³	455.63
	(R & B SOR 23-24, P No.36 I.C.NO. 04007A		

	Item No. 35		
1	Box cutting the Road surface to proper slope and camber for making a base for road work incl. removing the excavated stuff and depositing on the road side slope as directed upto 50 Mt.lead. (R & B SOR 2023-24, Page No - 125, It code 26008,)	M ³	103.17
	Item No. 36		
1	Carting of conveying and utilising the stuff in bank from end of cutting with all required lead and lift.(C) Above 400 Meters upto 500 Meters.(R & B SOR 2023-24, Page No - 125, It code.-26010C)	M ³	128.000
	Item No. 37		
1	Providing and laying of good quality material of GSB in proper line,level and camber (compacted thickness suggested by engineer incharge) with roller 8-10MT capacity on GSB as per specification and instruction by engineer incharge.(Approved Rate)	M ³	690.18
	Item No. 38		
1	Providing & laying compacted machine crushed black stone aggregate 250mm thick wet mix macadam in two layers in the material with water to OMC in mechanically mix (pug mill) carriage of mix material by tipper to site laying,spreading and compacting in sub base of compacting power vibrater roller to achieve the desired density (mechanically laid) etc.complete.as per technical specification MORTH clause-406(Approved Rate)	M ³	1103.57

	Item No.39		
	Labour Charges for repairing of leakage in HDPE pipeline with but welding of folling dia meter at different places including necessary excavation manually or by mechanise excavation, dewatering removing of mud, cleaning of pipe and leakage portion of pipe from trench with inlussive of mechanical devices JCB if necessary & labours required with providing jointing material with welding mechine etc. comp. (including all material)(GWSSB SOR 22-23 part 1, Sec.G,(M&R) I.no.7, P.no.76)		
1	63 mm	No.	840.65
1	75 mm	No.	931.5
1	90 mm	No.	1049.95
1	110 mm	No.	1213.25
1	125 mm	No.	1345.5
1	140 mm	No.	1516.85
1	160 mm	No.	1745.7
1	180 mm	No.	1953.85
1	200 mm	No.	2296.55
1	225 mm	No.	2592.1
1	250 mm	No.	3206.2
1	280 mm	No.	3728.3
1	315 mm	No.	4225.1
	Item No.40		
	Labour Charges for repairing of leakage in HDPE pipeline of folling dia meter at different places including necessary excavation manually or by mechanise excavation, dewatering removing of mud, cleaning of pipe and leakage portion of pipe from trench with inlussive of mechanical devices JCB if necessary & labours required with providing material such as MS clamp of required size with nut, bolt etc. comp. (incl. all material but Exclu. cost of pipe)(GWSSB SOR 22-23 part 1, Sec.G,(M&R) I.no.8, P.no.76)		
1	63 mm	No.	1273.05
1	75 mm	No.	1297.2
1	90 mm	No.	1330.55

1	110 mm	No.	1371.95
1	125 mm	No.	1403
1	140 mm	No.	1473.15
1	160 mm	No.	1555.95
1	180 mm	No.	1596.2
1	200 mm	No.	1796.3
1	225 mm	No.	1848.05
1	250 mm	No.	2291.95
1	280 mm	No.	2512.75
1	315 mm	No.	2585.2
1	355 mm	No.	2826.7
1	400 mm	No.	3469.55
1	450 mm	No.	3889.3
1	500 mm	No.	3991.65
	Item No.41		
	Labour charges for repairing of leakage in HDPE pipeline of folling dia meter at different places including necessary excavation manually or by mechinery,dewatering, removing of mud, cleaning of pipe and leakage portion, cutting the pipeline,jointing & reparing using C.I.D. Joints inclusive of using all required machinery, labour,DG Set, Fuel Operetor, CID Joints, rubbe rings, nut bolts, etc. complete. (but Excluding cost of pipe)GWSSB SOR 22-23 part 1, Sec.G,(M&R) I.no.9, P.no.76)		
1	90 mm	No.	1958.45
1	110 mm	No.	2079.2
1	125 mm	No.	2166.6
1	140 mm	No.	2252.85
1	160 mm	No.	2510.45
1	180 mm	No.	2803.7
1	200 mm	No.	3050.95
1	225 mm	No.	3508.65
1	250 mm	No.	4313.65
1	280 mm	No.	5129
1	315 mm	No.	6065.1
1	355 mm	No.	8114.4
1	400 mm	No.	8627.3
1	450 mm	No.	10893.95
1	500 mm	No.	14791.3

	Item No. 4(A) PART - B (Valves & Specials)		
	<p>Providing & supplying of Following Sluice Valve Ductile Iron/Spheroidal Graphite (S.G.) Iron Double flanged resilient seated Sluice Valves Full bore in accordance with BS 5163/EN 1074-1&2 of PN-10/16 rated, with Body and Bonnet of Ductile Iron conforming to GGG-50/40 or IS 1865 Gr. (SG 500/7 or SG 400/15), Wedge of WRAS or DVGW approved EPDM rubber (approved for drinking water), Integral Wedge nut, Shaft of S.S. AISI 420, O rings of NBR. Body & Bonnet coated with electrostatically applied epoxy powder coating to DIN 30677-2 & GSK guidelines or equivalent to GSK Guideline. Blue colour RAL 5005/5017 with a coating thickness of 250 microns both inside & outside. Sluice valve shall be compatible for buried applications without valve chamber. Face-to-face dimensions as per BS 5163/EN558 and Flange drilling as per IS 1538. 100% tight shut-off. Manual operation by Hand wheel at present but it should be upgradable and suitable for motorized operation by Electrical Actuator suitable for SCADA system. (Rate from quotation of JUPITER Engineering co</p>		
1	1) 100mm Dia. P.N. 16	No.	11877
1	2) 150mm Dia. P.N. 16	No.	20701.5
1	3) 200mm Dia. P.N. 16	No.	32856
1	4) 250mm Dia. P.N. 16	No.	54612
1	5) 300mm Dia. P.N. 16	No.	68265
1	6) 350mm Dia. P.N. 16	No.	98790
1	7) 400mm Dia. P.N. 16	No.	127650
1	8) 450mm Dia. P.N. 16	No.	163392
1	9) 500mm Dia. P.N. 16	No.	235875
1	10) 600mm Dia. P.N. 16	No.	393495
	Item No.4 (B) (1)		

	Providing and supplying of DI tail pieces for sluice valve at store or at site of work including freight. Loading, unloading, insurance, inspection charges, octroi and all taxes etc. complete as per IS-8329-1994 with ISI mark.(GWSSB SOR 22-23,Sec.A ,I.no.8.2.B, P.no.11)		
1	1) Flange Ended 80 to 300 mm Dia.	Kg.	155
1	2) Flange Ended 350 to 600 mm Dia.	Kg.	158
	Item No.4 (B) (2)		
	P & S CI tail pieces. (GWSSB SOR 22-23,Sec.A ,I.no.19.1.B, P.no.29)		
1	1) 80 to 300 mm Dia.	Kg.	58
1	1) 350 to 650 mm Dia.	Kg.	58
	Item No. 5 (A)		
	Manufacturing, supply & delivery of ductile iron flange socket spigot bends, tees, reducers or any other specials as per BS-EN-545/1995 class-A series K-12 suitable for use with D.I. Pipe manufactured as per IS:8329/1994 delivery of specials is to be to GWSSB store or site of works any where in Gujarat including all taxes, loading, unloading, carting, stacking, insurance, inspection charges, octroi etc. complete. (GWSSB SOR-22-23,Sec.A, I.no.8.2.A, P.no.11)		
1	1) 80 to 300 mm Dia.	Kg.	148
1	2) 350 to 600 mm Dia.	Kg.	151
	Item No. 5 (B)		
	Providing and supplying at store or site of work C.I. special's like tees, bends, reducers, caps etc. as per IS 1538-1993 with ISI mark, inclusive of transporting, all taxes, Insurance, Inspection charges, octroi, loading and Unloading etc. complete.		
	(GWSSB SOR 22-23,Sec.A ,I.no.19.1.A, P.no.28)		
1	1) Up to 300 mm Dia.	Kg.	58
1	2) 350 to 600 mm Dia.	Kg.	58

	HSC ON DI PIPE MAINS USING MDPE PIPES (PART – C)		
	House Service Connection (1/2") 20 mm		
1	Composite DI Strap Saddle for DI pipes , SS 304 Body with SS Strap, Size - 80 - 300 NB x 1/2" (V.M.C. approved rate dt. 02/11/2018)	No	964.00
1	Regulating Brass Ferrule, size 15 mm (1/2") (V.M.C. approved rate dt. 02/11/2018)	No	330.00
1	Metel Inserted female threaded adaptor with SS304 material. As per ISO 14236-2000. Pressure rating will be PN 16, Size - 20 mm x (1/2") (V.M.C. approved rate dt. 02/11/2018)	No	302.00
1	Double Compression Elbow with Compression on both side , PN 16 size - 20 mm (V.M.C. approved rate dt. 02/11/2018)	No	68.00
1	U PVC ball valve with Compression / Female threaded, PN 16, Size 20 mm x (1/2") (V.M.C. approved rate dt. 02/11/2018)	No	296.00
1	MDPE Blue Pipe as per ISO 4427, Pressure 16 kg. Size - 20 mm (V.M.C. approved rate dt. 02/11/2018)	Rmt	46.00
	House Service Connection (3/4") 25 mm		
1	Composite DI Strap Saddle for DI pipes, SS 304 Body with SS Strap, Size - 80 -300 NB x 3/4" (V.M.C. approved rate dt. 02/11/2018)	No	1048.00
1	Regulating Brass Ferrule , Size - 20 mm (3/4") (V.M.C. approved rate dt. 02/11/2018)	No	550.00
1	Metal inserted female threaded adaptor with SS 304 material. As per ISO 14236-2000. Pressure rating will be PN 16, Size - 25mm x 3/4" (V.M.C. approved rate dt. 02/11/2018)	No	307.00
1	Double Compression Elbow with Compression on both side, PN 16, Size - 25 mm (V.M.C. approved rate dt. 02/11/2018)	No	98.00
1	U PVC ball valve with Compression / Female threaded, PN 16, Size - 25 mm x 3/4"	No	350.00
1	MDPE Blue Pipe as per ISO 4427, Pressure 16 Kg, Size - 25 mm (V.M.C. approved rate dt. 02/11/2018)	Rmt	53.00

	House Service Connection (1") 32 mm		
1	Composite DI Strap Saddle for DI pipes, SS 304 Body with SS Strap, Size - 80 -300 NB x 1" (V.M.C. approved rate dt. 02/11/2018)	No	1150.00
1	Regulating Brass Ferrule , Size - 25 mm (1")	No	945.00
1	Metal inserted female threaded adaptor with SS 304 material. As per ISO 14236-2000. Pressure rating will be PN 16, Size - 32mm x 1" (V.M.C. approved rate dt. 02/11/2018)	No	365.00
1	Double Compression Elbow with Compression on both side, PN 16, Size - 32 mm (V.M.C. approved rate dt. 02/11/2018)	No	119.00
1	U PVC ball valve with Compression / Female threaded, PN 16, Size - 32 mm x 1" (V.M.C. approved rate dt. 02/11/2018)	No	380.00
1	MDPE Blue Pipe as per ISO 4427, Pressure 16 Kg, Size - 32 mm (V.M.C. approved rate dt. 02/11/2018)	Rmt	72.00

Name of Work : Hand Pump Abstract (PART – D)				
Qty.	Item	Rate	Per	Amount
	Item No.1			
1.0	Drilling of 300mm dia bore hole by Mini DR Rig including lowering of pipe assembly Gravel packing, Clay packing & Development of Bore hole by washing (For Inst. Of H.P)	464.00	Mtr.	464.00
	Mech. SOR 2022-23 P.No. 1 sec.A I.No. 1.3			
	Item No.2			
1.0	Manufacture, supply & delivery of ISI marked UPVC Casing pipe (IS 12818/1992)	576.00	Mtr.	576.00
	Mech. SOR 2022-23 P.No. 1 sec.A I.No. 1.3			
	Item No.3			
1.0	Providing of 125mm dia MS Clamp Size 450mm x 65 mm x 10mm	687.07	No.	687.07
	Mech. SOR 2022-23 P.No. 17 sec.B I.No. 1 (d)			

	Item No.4			
1.0	Providing of 125 mm dia UPVC Bail Plug.	397.24	No.	397.24
	Mech. SOR 2022-23 P.No.18 sec.B I.No. 4B (1)			
	Item No.5			
1.0	Providing and fitting of 125 mm dia UPVC Bore plug	272.40	No.	272.40
	Mech. SOR 2022-23 P.No. 17 sec.B I.No. 2C (1)			
	Item No.6			
1.0	Providing of Gravel 4mm to 6mm size with carting from Sevalia to actual site of work.	2029.00	Cmt.	2029.00
	Mech. SOR 2022-23 P.No. 15 sec.A An-A Sr.No.13			
	Item No.7			
1.0	Development of bore by Air-Compressor 400 cfm/100 PSI Air Comp. till sand free discharge.	2719.00	Hrs.	2719.00
	Mech. SOR 2022-23 P.No. 6 sec.A I.No. 6(6.1)			
	Item No.8			
1.0	Installation of India mark II H. P. assembly as per Unicef specifications complete with carting, lowering of 32 mm dia. riser pipes as required, construction of C. C. platform 1:2:4 etc. including providing cement, sand & kapachi etc & construction of soak pit as modified Unicef design including excavation of (100 cm x 70 cm x 70 cm deep) with filling of stones, broken bricks or gravel and laying 29 numbers bricks vertically on edge of soak pit etc. complete.	3748.59	Job	3748.59
	Mech. SOR 2022-23 P.No. 27 sec.C I.No. 4(a)			
	Item No.9			
1.0	Manufacture of ISI marked Deepwell Hand pump set (IS 15500/2004 or any latest ammendment / revision there of) and supply & delivery without riser pipes along with 12 numbers of connecting rods confirming to IS 1573 with latest ammendment / revision. Normal Stand Assembly	6988.00	Set	6988.00
	Mech. SOR 2022-23 P.No. 19 sec.B I.No. 8(a)			
	Item No.10			
1.0	Supply of ISI marked 32 mm Dia. medium duty GI pipes as per IS: 1239 part I with latest ammendment.	251.00	Mtr.	251.00
	Mech. SOR 2022-23 P.No. 25 sec.B I.No.21			
	Item No.11			
1.0	Geological Survey Charges	3571.00	No.	3571.00
	Mech. SOR 2022-23 P.No.7 sec.A I.No. 9.1 (a)			

NAME OF THE WORK :- નવિન બોરવેલ બનાવવા માટે ના SOR (PART – E)

Item No	Item Description	Rate	Unit
1	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	201.81	Cum
	S.O.R. = R&B		
	SOR Year:- 2023-24		
	Chapter No:- 4		
	Page number:- 38		
	Item Code:-04B001A		
2	Drilling of tube well by direct/reverse rotary rig in alluvial strata (Alluvium Area completed up to 300 mrt) Drilling of pilot bore hole in alluvial strata by direct rotary ring/ reverse rotary ring size 300 mm	963	Rmt
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION A		
	Page number:- 1		
	Item Code:-1.1		
3	Reaming of 250/300 mm dia. pilot bore hole including assembling, lowering housing casing , strainer pipes, gravel packing, clay packing etc. 400 mm	295	Rmt
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION A		
	Page number:- 1		
	Item Code:-1.2		
4	Cement grouting/ sealing without cost of cement by means of mud pump	13273	LS
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION A		
	Page number:- 1		
	Item Code:-1.5		

5	Air Compressor test of tube well by air compressor of 400 CFM / 100 PSI capacity in all districts.	2719	Hr
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION A		
	Page number:- 6		
	Item Code:-6.1		
6	Air Compressor test of tube well by air compressor of 600 CFM / 150 PSI capacity in all districts.	3893	Hr
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION A		
	Page number:- 6		
	Item Code:-6.2		
7	Geophysical & geohydrological ground water investigation for finalisation of one pin point including vehicle charges.	14286	Per Nos
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION A		
	Page number:- 8		
	Item Code:-9.2		
8	Electrologging charges (With carting)	12000	LS
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION A		
	Page number:- 6		
	Item Code:-5		
9	Supply of best quality well sorted Sevaliya gravel of size ranging from 4 mm to 6mm.	2029	Cumt
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION A		
	Page number:- 8		
	Item Code:-13		

10	Clamps made from MS plate with 3 holes on either side with nuts & bolts of standard make and suitable size (d) 450mm x 65mm x 10mm flat suitable to 100/125mm dia.pipe.	687.07	Pair
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 17		
	Item Code:-1		
11	Clamps made from MS plate with 3 holes on either side with nuts & bolts of standard make and suitable size (e) 750mm x 75mm x 10mm flat suitable to 150mm dia.pipe.	1106.07	Pair
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 17		
	Item Code:-1		
12	Clamps made from MS plate with 3 holes on either side with nuts & bolts of standard make and suitable size (f) 750mm x 75mm x 10mm flat suitable to 175 mm dia.pipe.	1118.15	Pair
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 17		
	Item Code:-1		
13	Clamps made from MS plate with 3 holes on either side with nuts & bolts of standard make and suitable size (g) 750mm x 75mm x 16 mm flat to 200 mm dia.pipe.	1627.71	Pair
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 17		
	Item Code:-1		

14	Bore plug of 100 mm height made from MS plate with 3 holes at equal distance on circumference for nut-bolts type, locking arrangement with nuts bolts & lock nuts of standard make From 3 mm thick MS plate (For top also) (i)Suitable for 100 mm dia. pipe.	311.14	Nos
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 17		
	Item Code:-2(A)		
15	Bore plug of 100 mm height made from MS plate with 3 holes at equal distance on circumference for nut-bolts type, locking arrangement with nuts bolts & lock nuts of standard make From 3 mm thick MS plate (For top also) (ii)Suitable for 125 mm dia. pipe.	352.3	Nos
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 17		
	Item Code:-2(A)		
16	Bore plug of 100 mm height made from MS plate with 3 holes at equal distance on circumference for nut-bolts type, locking arrangement with nuts bolts & lock nuts of standard make From 3 mm thick MS plate (For top also) (iii)Suitable for 150 mm dia. pipe.	455.2	Nos
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 17		
	Item Code:-2(A)		
17	Bore plug of 100 mm height made from MS plate with 3 holes at equal distance on circumference for nut-bolts type, locking arrangement with nuts bolts & lock nuts of standard make From 5 thick MS plate (For Top also) (i)Suitable for 175 mm dia. Pipe	654.96	Nos
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		

	Page number:- 17		
	Item Code:-2(B)		
18	Bore plug of 100 mm height made from MS plate with 3 holes at equal distance on circumference for nut-bolts type, locking arrangement with nuts bolts & lock nuts of standard make From 5 thick MS plate (For Top also) (ii)Suitable for 200 mm dia. Pipe S.O.R. = GWSSB Ele & Mech SOR Year:- 2022-23 Chapter No:- SECTION B Page number:- 17 Item Code:-2(B)	774.82	Nos
19	Bore plug of 100 mm height made from MS plate with 3 holes at equal distance on circumference for nut-bolts type, locking arrangement with nuts bolts & lock nuts of standard make From 5 thick MS plate (For Top also) (iii)Suitable for 250 mm dia. Pipe S.O.R. = GWSSB Ele & Mech SOR Year:- 2022-23 Chapter No:- SECTION B Page number:- 17 Item Code:-2(B)	1150.12	Nos
20	UPVC Bail plug (Bottom Cap) Suitable for (i) 125 mm dia. Pipe S.O.R. = GWSSB Ele & Mech SOR Year:- 2022-23 Chapter No:- SECTION B Page number:- 18 Item Code:-4(B)	397.24	Nos
21	UPVC Bail plug (Bottom Cap) Suitable for ii) 200 mm dia. Pipe S.O.R. = GWSSB Ele & Mech SOR Year:- 2022-23 Chapter No:- SECTION B Page number:- 18 Item Code:-4(B)	822.05	Nos

22	Manufacture, supply & delivery of ISI marked UPVC Casing pipe (IS 12818 with latest amendment. (Rates are exclusive of GST) (a) 125.00 mm nominal dia. " CM " Type	576	Rmt
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 21		
	Item Code:-11		
23	Manufacture, supply & delivery of ISI marked UPVC Casing pipe (IS 12818 with latest amendment. (Rates are exclusive of GST) (c) 175.00 mm nominal dia. " CM " Type	906	Rmt
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 21		
	Item Code:-11		
24	Manufacture, supply & delivery of ISI marked UPVC Casing pipe (IS 12818 with latest amendment. (Rates are exclusive of GST) (c)200.00 mm nominal dia. " CM " Type	1444	Rmt
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 21		
	Item Code:-11		
25	Manufacture, supply and delivery of following ISI marked HDPE pipes (IS:4984/1985 with latest amendment) having material Grade PE-80 in approximate 100 meter coil length or per GWSSB requirement with SS 316 nipple at both ends having 11 TPI threads as per specifications, press fitted and bolted having nominal diameter as under as per detailed technical specifications. (Rates are exclusive of GST) (i) DN 32 PN-10	36	Rmt
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 22		
	Item Code:-15		

26	Manufacture, supply and delivery of following ISI marked HDPE pipes (IS:4984/1985 with latest amendment) having material Grade PE-80 in approximate 100 meter coil length or per GWSSB requirement with SS 316 nipple at both ends having 11 TPI threads as per specifications, press fitted and bolted having nominal diameter as under as per detailed technical specifications. (Rates are exclusive of GST) (ii) DN 40 PN-10	55	Rmt
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 22		
	Item Code:-15		
27	Manufacture, supply and delivery of following ISI marked HDPE pipes (IS:4984/1985 with latest amendment) having material Grade PE-80 in approximate 100 meter coil length or per GWSSB requirement with SS 316 nipple at both ends having 11 TPI threads as per specifications, press fitted and bolted having nominal diameter as under as per detailed technical specifications. (Rates are exclusive of GST) (iii) DN 50 PN-10	84	Rmt
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 22		
	Item Code:-15		
28	GI Fittings (Elbows, Nipple, Step Nipple, Union, Plug, Tee, Coupling, Reducer) (A) Up to 65 mm	71.76	Kg
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 24		
	Item Code:-19		
29	GI Fittings (Elbows, Nipple, Step Nipple, Union, Plug, Tee, Coupling, Reducer) (B) Above 65 mm and up to 100 mm	72.75	Kg
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		

	Page number:- 24		
	Item Code:-19		
30	GI Fittings (Elbows, Nipple, Step Nipple, Union, Plug, Tee, Coupling, Reducer (C) Above 100 mm S.O.R. = GWSSB Ele & Mech SOR Year:- 2022-23 Chapter No:- SECTION B Page number:- 24 Item Code:-19	73.75	Kg
31	Control Panel Board (Rates exclusive of GST) DOL / Star Delta starter suitable for local & remote pump control application consisting of MPCB, overload relay and contactors as per Type II coordination including digital voltmeter, analogue ammeter with selector switch, run hour meter, required protective relays & control accessories. (a) D. O. L. up to 3 HP S.O.R. = GWSSB Ele & Mech SOR Year:- 2022-23 Chapter No:- SECTION E Page number:- 33 Item Code:-2.1	6924	Nos
32	PVC insulated flat / round submersible copper cables (Rates exclusive of GST) : PVC insulated flat submersible cable as per detailed technical specifications of R/C of GWSSB conforming to IS 694, IEC 60227 / 60228 (b) 1R x 3C x 2.5 mm ² S.O.R. = GWSSB Ele & Mech SOR Year:- 2022-23 Chapter No:- SECTION E Page number:- 34 Item Code:-3.1(b)	58	Rmt
33	Single phase borewell submersible pump motor set MOC: Casing: CI-FG260, Impeller: Bronze & Shaft: SS:410 (Rates exclusive of GST): category-Q-1.2, Discharge-20, Head-90, HP-1.50 S.O.R. = GWSSB Ele & Mech SOR Year:- 2022-23 Chapter No:- SECTION E	10750	Nos

	Page number:- 36		
	Item Code:-6(1)		
34	Single phase borewell submersible pump motor set MOC: Casing: CI-FG260, Impeller: Bronze & Shaft: SS:410 (Rates exclusive of GST): category-Q-2.1, Discharge-40, Head-60, HP-1.50 S.O.R. = GWSSB Ele & Mech SOR Year:- 2022-23 Chapter No:- SECTION E Page number:- 36 Item Code:-6(4)	10540	Nos
35	Single phase borewell submersible pump motor set MOC: Casing: CI-FG260, Impeller: Bronze & Shaft: SS:410 (Rates exclusive of GST): category-Q-3.1, Discharge-60, Head-60, HP-2.0 S.O.R. = GWSSB Ele & Mech SOR Year:- 2022-23 Chapter No:- SECTION E Page number:- 36 Item Code:-6(8)	11782	Nos
36	Single phase borewell submersible pump motor set MOC: Casing: CI-FG260, Impeller: Bronze & Shaft: SS:410 (Rates exclusive of GST): category-Q-3.2, Discharge-60, Head-90, HP-3.0 S.O.R. = GWSSB Ele & Mech SOR Year:- 2022-23 Chapter No:- SECTION E Page number:- 36 Item Code:-6(9)	14418	Nos
37	Labour charges for Errection/Removal of submersible pumpset from tubewell S.O.R. = VMC -SUB.PUMP REPAIRING SOR Year:- 2024-25 Chapter No:- A Page number:- 1	3821.49	Per Job

	Item Code:- B		
38	GEB connection charges shall be paid by the contractor and it will reamburshment as per orignal MGVCL Ricept summited by the contractor no any premium will be given on this amount	As Per Original Receipt	
	S.O.R. =MGVCL RECEIPT		
	SOR Year:-		
	Chapter No:-		
	Page number:-		
	Item Code:-		
39	Providing and erecting Pipe type earthing with 40 mm dia 2.5 mtr long 'B' grade G.I. pipe with necessary coupling buch buried in specially prepared earth pit & G.I. earth wire of 8 SWG erected & connected as directed (For panel)	960	Each
	S.O.R. = R & B (Electrical)		
	SOR Year:- 2021-22		
	Chapter No:- 3-14		
	Page number:- 90		
	Item Code:- 3-14-6(B)		
40	For using salt and charcoal / coke as required for pipe type earthing.	200	Each
	S.O.R. = R & B (Electrical)		
	SOR Year:- 2021-22		
	Chapter No:- 3-14		
	Page number:- 90		
	Item Code:- 3-14-6 (C)		
41	providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed.(I) 25 Amp D.P Catt-ii	1900	Each
	S.O.R. = R & B (Electrical)		
	SOR Year:- 2021-22		
	Chapter No:- 3-12		

	Page number:- 88		
	Item Code:- 3-12-1(i)		
42	Providing & erecting 240 V MCB double pole switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (A) 6 to 32 Amp catt-iii	305	Each
	S.O.R. = R & B (Electrical)		
	SOR Year:- 2021-22		
	Chapter No:- 3-10		
	Page number:- 83		
	Item Code:- 3-10-2(A)		
43	Providing dust and vermin proof MS cabin having two compartments, one for panel board and other for energy meter and fuse unit with required locking arrangement , minimum degree of protection IP 52 as per IS 2147 fabricated from CRCA sheer steel minimum thickness for base frame / channel / gland plates for 3 mm for load bearing members,1.6 mm for ineternal members including cutting, bending, drilling, welding, riveting with ineternal partitions.The sheet steel enclosure shall be powder coated as per applicable standard with shade as required with finish thickness of paint film not less than 80 microns.The cabin shall have following dimension. (1) 0.6 M X 0.7 M x 0.4 M	5040	Nos
	S.O.R. = GWSSB Ele & Mech		
	SOR Year:- 2022-23		
	Chapter No:- B		
	Page number:- 22		
	Item Code:- 12		
44	Providing dust and vermin proof MS cabin having two compartments, one for panel board and other for energy meter and fuse unit with required locking arrangement , minimum degree of protection IP 52 as per IS 2147 fabricated from CRCA sheer steel minimum thickness for base frame / channel / gland plates for 3 mm for load bearing members,1.6 mm for ineternal members including cutting, bending, drilling, welding, riveting with ineternal partitions.The sheet steel enclosure shall be powder coated as per applicable standard with shade as required with finish thickness of paint film not less than 80 microns.The cabin shall have following dimension. (2) 1.5 M X 1.0 M x 0.6 M	20324.00	Nos
	S.O.R. = GWSSB Ele & Mech		

	SOR Year:- 2022-23		
	Chapter No:- B		
	Page number:- 22		
	Item Code:- 12		
45	<p>Providing dust and vermin proof MS cabin having two compartments, one for panel board and other for energy meter and fuse unit with required locking arrangement , minimum degree of protection IP 52 as per IS 2147 fabricated from CRCA sheer steel minimum thickness for base frame / channel / gland plates for 3 mm for load bearing members,1.6 mm for ineternal members including cutting, bending, drilling, welding, riveting with ineternal partitions.The sheet steel enclosure shall be powder coated as per applicable standard with shade as required with finish thickness of paint film not less than 80 microns.The cabin shall have following dimension. (3) 1.5 M X 1.25 M x 0.6 M</p> <p>S.O.R. = GWSSB Ele & Mech</p> <p>SOR Year:- 2022-23</p> <p>Chapter No:- B</p> <p>Page number:- 22</p> <p>Item Code:- 12</p>	23407	Nos
46	<p>providing & erecting weather proof, dust & vermin proof, floor mounted front operated indoor type cubical panel board necessary IP-42 and above protection as per approval from engineer incharge made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S.sheet for internal partitions with necessary accesories , supporting angles/ flats channel including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses/MCB for measuring instruments, earth bus & earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket,heavy duty end terminal connection,danger notice board,necessary ventilation,earthing strip complete. The Panel shall be painted with epoxy powder coating. (The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size.(A) locally fabricated panel board (i) with 350 mm depth.</p>	12230	sqmt

	S.O.R. = R & B (Electrical)		
	SOR Year:- 2021-22		
	Chapter No:- 3-16		
	Page number:- 94		
	Item Code:- 3-16-1(B)(i)		
47	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	90.93	Rmt
	S.O.R. = R & B		
	SOR Year:- 2023-24		
	Chapter No:-23		
	Page number:- 117		
	Item Code:- 23062		
48	Providing and fixing brass screw down stop tap.(C) 25mm dia.	218.63	Each
	S.O.R. = R & B		
	SOR Year:- 2023-24		
	Chapter No:-23		
	Page number:- 115		
	Item Code:- 23030C		
49	Excavation for pipe line trenches in sorts of soil and soft murrum including all safety provisions using site rails and stacking excavated stuff up to a lead of 90 M cleaning the site etc. complete as per the instruction of engineer-in-charge for lifts and strata as specified. (a) Up to 1.5 M from ground level	102.35	CUM
	S.O.R. = GWSSB CIVIL		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 32		
	Item Code:-1.A.1 (a)		

50	Back filling of trenches in thickness of 15 CM with soil including watering, setting with hammer and displace of additional soil in the radius of 3.0 Km as directed by site incharge.	25.3	CUM
	S.O.R. = GWSSB CIVIL		
	SOR Year:- 2022-23		
	Chapter No:- SECTION B		
	Page number:- 40		
	Item Code:-14(1)		
51	Pit for mud peat to make an innovative borewell and bring water tankers for clay rugs in Mud Peat and to complete the pit for mud peat. (Pit size for 125,150 & 200 mm (5" 6" & 8 ") Dia. tubewell 5 ft length x 5ft width x 6ft depth	30000	Job
	Number Of Market Quotation :- 03		
	Lowest Market Quotation Rate :- Rs.30000		
	Name of Agency :-		
	1- Maruti Electricals		
	2- Khushboo Electrcals		
	3- Riddhi Engineers		
Total Annual limit Rs. ((Part A+B+C+D+E) With Premium)= 5,00,00,0000/-			