

THE ENGINEER JSD DIVISION HANDWARA

Mohd Qasim Lone
 : Mohd Majnoon Lone
 : Soinsadnar Rafiabad
 : SE/D/SMC/BEE/CIVIL/SANITARY/OF2021-22.
 Regd No. : 01ABNPL1316K1ZU
 GST NO. : PHE/Hand/ 3597-3600 Date: 09/03/2023

Adv. Cost :- Rs 132.08 Lacs
 Allotted Cost:-Rs. 13472707.64/-
 Time of Completion 120 days

Sub : Construction Including Successful Testing and Commissioning of laying and Fitting of pipes, . 0.50 Lacs 1No. Service Reservoir, 0.30 Lac Gallons 2 No.s S.R
 Construction of Pump House Cum Operator Qtr, R/Wall B/Wall, Gang Hut, WSS Kandi Khass UNDER jjm
 Ref:- Your tender in response to this office E-NIT No. 34 /PHE /Hand of 12/2022. S.No.17 issued under this
 Office No..

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/12433-45 of 23.01.2023
3. Accord No.CE/PHE/DB/JJM/246 of 08/2022 Dtd 31/08/2022
4. Technical Sanction Order No.CE/PHE/DB/242 of 08/2022 Dtd 31/08/2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	4024.25	Cum	436.00	1754573.00
2	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge.				
3	All kinds of soil :	636.51	Cum	539.35	343301.67
4	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres:				
5	All kinds of soil :	332.35	Cum	252.05	83768.82
6	Laying & fitting of G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work)				
7	15mm dia G.I pipe	1000	Mtr	20.25	20250.00
8	20mm dia G.I pipe	3000	Mtr	20.25	60750.00
9	25mm dia G.I pipe	1800	Mtr	30.65	55170.00
10	40mm dia G.I pipe	2500	Mtr	40.80	102000.00
11	50mm dia G.I pipe	2650	Mtr	40.80	108120.00
12	65mm dia G.I pipe	1040	Mtr	73.05	75972.00
13	80mm dia G.I pipe	3250	Mtr	73.05	237412.50
14	100mm dia G.I pipe	2650	Mtr	107.70	285405.00
15	Making connections of GI distribution branch with GI mains of following size by providing and fixing tee , including cutting and threrading the pipe etc. complete				
16	25 to 40mmØ	10	No.	666.25	6662.50
17	40 to 80mmØ	15	No.	1268.75	19031.25

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18	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	3506.57	Cum	198.70	696755.46
19	providing & fixing of CI sluice valve with cap (Shiv durga/Zolto) of make complete with nuts, bolts, rubber insertion etc complete job.				
20	100mmØ sluice valve	2.00	No.	4597.85	9195.70
21	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	169	Cum	1320.00	223080.00
22	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
23	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	40.86	Cum	4861.84	198654.78
24	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	90.06	Cum	5437.74	489722.86
25	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level				
26	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	23.66	Cum	6978.68	165115.57
27	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	51.67	Cum	7800.76	403065.27
28	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.				
29	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	61.86	Cum	9408.14	581987.54
30	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with:				
31	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	20	Cum	9849.35	196987.00
32	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with:				
33	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	14.08	Cum	10404.52	146495.64
34	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in cement mortar 1:6 (1 cement : 6 coarse sand). Includ extra above plinth	36.64	Cum	6284.30	230256.75
35	Extra for brickwork in superstructure above plinth level upto floor V level	36.64	Cum	1323.55	48494.87

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36	Cement conc. flooring 1:2:4 mix finished with a floating coat of neat cement incld. cement slurry, but excl. the cost of noising of steps etc. complete, 50 mm thick with 20 mm nominal size, stone agg. (Crushed)	79.40	Sqm	555.50	44106.70
37	Marble stone flooring with 18 mm thick marble stone, sample of marble shall be approved by Engineer I/C over 20mm (avg.) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid & jointed with grey cement slurry incld. rubbing and polishing complete with (Makrana white second quality).	10.2	Sqm	2171.10	22145.22
38	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	75.6	Sqm	1161.05	87775.38
39	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position:-First class KD. Wood	3	Cum	60000.00	180000.00
40	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete First class Budloo Fire Wood	0.98	Cum	138685.40	135911.69
41	P/F of panelled or panelled and glazed shutters for door, window, and clerestory windows including ISI marked black enameled M.S. Butt hinges with necessary screws including cost of paneling, first class kail wood 35 mm thick	10.8	Sqm	3093.80	33413.04
42	P/F 35 mm thick wire gauze shutters using galvansoned M.S. wire gauze of average width for aperture 1.4mm with wire of dia. 0.63 mm for doors, windows and clerestory windows including ISI marked bright finished or/ and black enameled M.S. Butt hinges with necessary screws:- First class kail wood.	26.64	Sqm	3307.80	88119.79
43	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second class Kail wood	15.84	Sqm	3338.05	52874.71
44	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete : 300x16 mm	12	No.	292.80	3513.60
45	P/F aluminium handles ISI mark with necessary screws all complete 100mm long	64	No.	52.30	3347.20
46	P/F aluminium handles ISI mark with necessary screws all complete 150mm long	12	No.	66.35	796.20
47	P/F aluminium tower bolts ISI mark with necessary screws all complete 150mm long	88	No.	89.20	7849.60
48	Providing and applying white cement based putty of 2mm thickness over plastered surfaces to prepare the surface even and smooth complete. .	238.64	Sqm	172.40	41141.54



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49	Distemping with oil bound wasable distemper of approved brand and manufacture to give an even shade. New work (two or more coats) over and including priming coat with cement primer.	238.64	Sqm	149.05	35569.29
50	Applying priming coat with ready mixed primer of approved paint of required shade on new work.	172.62	Sqm	59.50	10270.89
51	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	172.62	Sqm	179.80	31037.08
52	Providing Corrugated G.S sheet roofing fixed with polymer coated J or L hooks, bolts and nuts 8mm dia meter with bitumen & G.I implet washers or with G.I implet washers filled with white lead & incld. a coat of approved steel primer and two coast of approved paint on overlapping of sheets complete excluding the cost of purlins, rafters and trusses. (0.63mm thick)	124.96	sm	951.80	118936.93
53	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete. 0.63 mm thick with zinc coating not less than 275 gram/m2	14.2	m	691.35	9817.17
54	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 12.7.1 0.80 mm thick with zinc coating not less than 275 gram/m2	28.4	Mtr	626.15	17782.66
55	Providing and fixing plained eaves boarding. 300x40 mm (nominal size)	62.8	Mtr	998.85	62727.78
56	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws 2nd class kail wood	47.22	Sqm	1712.85	80880.78
57	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters. 10.6.1 80x1.25 mm M.S. laths with 1.25 mm thick top cover	21	Sqm	3238.20	68002.20
58	Providing and fixing Stainless Steel kitchen sink with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets without drain board 610x510mm bowl depth 200mm	2	Each	4575.20	9150.40
59	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes conforming to IS: 15801, UV stabilized and anti-microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass threaded Polypropylene random fittings. This includes testing of joints complete as per direction of Engineer-in charge. PN-10 pipe, 110mm OD (SDR-11)	40	Rm	1818.00	72720.00
60	Providing and fixing water closet squatting pan Indian type WE with 10 lit flushing eistem stainles steel orrissa pattern flushing pipes 585 x480mm	2	No.	3850.00	7700.00

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61	Providing and fixing CP brass bib cock of approved quality of 15 mm nominal bore.	4	Each	436.50	1746.00
62	Providing and fixing CP brass long nose bib cock of approved quality of 15 mm nominal bore.	4	Each	624.30	2497.20
63	Providing and fixing CP brass angle valve of approved quality of 15 mm nominal bore.	2	Each	536.10	1072.20
64	Providing and fixing brass stop cock of approved quality of 15 mm nominal bore.	6	Each	657.30	3943.80
65	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	30	No.	62.30	1869.00
66	P/F of PVC door felting of approved wake				
67	100mmxFlor Trap	2	No.	550.00	1100.00
68	100mm x Door Function	2	No.	3750.00	7500.00
69	100mm x Collar	46	No.	180.00	8280.00
70	100mm x Gasket	20	No.	220.00	4400.00
71	100mm x Bend	10	No.	270.00	2700.00
72	80mm x Door Functioning	4	No.	320.00	1280.00
73	80mm x Floor Trap	4	No.	260.00	1040.00
74	80mm x bend	12	No.	230.00	2760.00
75	80mmx Collar	8	No.	160.00	1280.00
76	Floor Gratings	6	No.	270.00	1620.00
77	Providing and fixing of concealed electric wiring in PVC pipe 4mm multistrand for heating point x 2mm multistrand gauge lighty point incl P/F of heating & electric point inclusive of switch MCB complete in all respect				
78	Heating Point	8	No.	170.00	1360.00
79	Lighting Point	20	No.	850.00	17000.00
80	Centering and shuttering including strutting, propping etc. and removal of form for:				
81	Foundations, footings, bases of columns etc. for mass concrete.	73.11	sqm	262.30	19176.75
82	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	1294.33	sqm	573.85	742751.27
83	Suspended floors, roofs, landings, balconies and access platforms.	134.2	sqm	635.60	85297.52
84	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	32.2	sqm	502.85	16191.77
85	Arches, domes, vaults upto 6 m span	160.72	sqm	2086.80	335390.50
86	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
87	foundation	1832.09	sqm	52.46	96111.44
88	Walls	883.48	sqm	114.77	101397.00
89	Dome	160.72	sqm	417.36	67078.10
90	Suspended Floors.	18.86	Sqm	127.10	2397.11
91	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	100	kgs	57.90	5790.00
92	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level.				
93	Thermo-Mechanically Treated bars of grade Fe-500D or more.	133.02	Kg	87.18	11596.68
94	Providing and Fixing of Flanges 12mm thick complete job 100mm dia	427.00	Joint	1550.00	661850.00
95	80mm dia	500.00	Joint	1150.00	575000.00
96	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	5997.00	Kg	91.03	545906.91

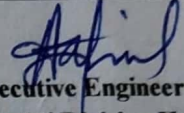
97	Providing 40x5mm flat iron hold fasts 40cm long incl. fixing to frame with 10mm dia bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm (1:3) mix (20mm nominal size)	72.00	No.	113.80	8193.60
98	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the Made of G.I. wire of dia 4 mmdirection of Engineer-in-charge	280	sqm	733.50	205380.00
99	18mm Cement plaster in two coats under layer 12mm thick cement plaster 1 : 5 (1 cement : 5 coarse sand) finished with a top layer 6mm thick cement plaster 1 : 3 (1 cement : 3 coarse sand) finished rough with sponge	238.64	sqm	392.60	93690.06
100	Applying priming coat:				
101	With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	301	sqm	52.75	15877.75
102	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc complete				
103	On steel work	301	sqm	188.80	56828.80
104	Providing & fixing of 50 litre capacity gysar of approved quality (venus make or equivalent).	2	No.	19000.00	38000.00
105	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bajri 20mm dia nominal size	95.46	Cum	358.25	34198.55
106	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - SAND:				
107	55 km	250.52	Cum	750.15	187927.58
108	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm :				
109	35 km	40.23	Cum	411.99	16574.36
110	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above :				
111	35 km	220.92	Cum	411.99	91016.83
112	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Stone Soling :				
113	20km	104.03	Cum	473.25	49232.20
114	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement and Steel				
115	20 km	232.78	Tonne	357.64	83251.44
116	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bricks 110km	26614	No.	3.71	98737.94
117	Carriage of materials by mechanical transport including loading, unloading, stacking of materials -GI 100mm dia pipe	82.39	MT	357.64	29465.96
118	Carriage of materials by manual means including loading, unloading, stacking of materials- Sand				
119	1st 5000m	16.52	Cum	438.40	7242.37
120	Carriage of materials by manual means including loading, unloading, stacking of materials- Aggregate 40mm and Above				

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121	Ist 5000m	1.78	Cum	375.13	667.73
122	Carriage of materials by manual means including loading, unloading, stacking of materials- Stone Soling				
123	Ist 5000m	2.98	Cum	818.35	2438.68
124	Carriage of materials by manual means including loading, unloading, stacking of materials- Cement				
125	Ist 5000m	7.65	Tonne	210.69	1611.78
126	Provision for road cuts	1	Job	627000.00	627000.00
127	Provision for pipe specials as per site Engineer	1	Job	466000.00	466000.00
	Total				13208536.90
	Allotted Rates @ 2% above Adv Cost				264170.74
	Net Allotted Cost				13472707.64

Checked by
Head Draftsman


Executive Engineer
PHE Jal Shakti Division Handwara