

**GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA**

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V/S : Zahair Ahmad Khan
S/o : Mohd Sultan Khan
R/o : Kargama
Regd No : SE/DC/CEE/CTVIL/Sintary of 2011-12
GST No : 01CGPPK8344A1ZN

No: - PHE/Hand/ 561-64 Date:- 10.5.2023

Adv. Cost :- Rs 51.86 Lacs
Allotted Cost:-Rs. 5290634.63/-
Time of Completion 180 days

Sub : Construction including successful Testing and Commissioning of Laying and Fitting, Sedimentation Tank, 0.18 Lac Gallons Clear Water Service Reservoir, Sluice / Washout Chamber, Barbed wire fencing and Anchor/ Saddle Blocks at Spots for WSS Tantray Gund under JJM.

Ref:- Your tender in response to this office E-NTT No 49 /PHE /Hand of 2023 S.No.02 issued under this

- Office No. PHE/Hand/3835-45 dt 21-03-2023
2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/367-85 DTD. 24.04.2023
3. Accord No. Accord No 22/DSE/HII/DB/ OF 2022-23 DTD. 21.09.2022
4. Technical Sanction Order No. CE/PHE/44642-43 OF 13.03.2022

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:

SLN o	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 in:-All kinds of Soil	1251.60 ✓	Cum	436.00 ✓	545697.60
2	Ordinary Rock	100.00 ✓	Cum	841.60 ✓	84160.00
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil	0.01 ✓	Cum	539.35 ✓	5.39
4	Earth work in excavation by mechanical 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 In all kinds of Soil	555.67 ✓	Cum	252.05 ✓	140056.62
5	Ordinary Rock	0.01 ✓	Cum	470.00 ✓	4.70
6	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	358.75 ✓	Cum	188.75 ✓	67714.06
7	Ordinary Rock	0.01 ✓	Cum	378.35 ✓	3.78
8	Earth work in rough excavation, banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50 m and lift upto 1.5 m in all kinds of soil:	0.01 ✓	Cum	674.35 ✓	6.74
9	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addll 1 lift All kinds of Soil	100.00 ✓	Cum	81.65 ✓	8165.00
10	Ordinary Rock	0.01 ✓	Cum	146.45 ✓	1.46
11	Addll 2 lift All kinds of Soil	0.01 ✓	Cum	163.30 ✓	1.63
12	Ordinary Rock	0.01 ✓	Cum	292.90 ✓	2.93
13	Addll 3 lift All kinds of Soil	0.01 ✓	Cum	244.95 ✓	2.45
14	Ordinary Rock	0.01 ✓	Cum	292.90 ✓	2.93

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	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	33.50 ✓	Cum	1320.00 ✓	44220.00
16	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: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	21.30 ✓	Cum	4861.84 ✓	103557.19
17	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: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	40.00 ✓	Cum	5399.02 ✓	215960.80
18	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: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	2.27 ✓	Cum	6465.20 ✓	14676.00
19	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: 1:1.5:3 mix (1 Cement: 1.5 Course Sand : 3 graded crushed stone agg 20mm nominal size)	2.56 ✓	Cum	7287.28 ✓	18655.44
20	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	1.98 ✓	Cum	6978.68 ✓	13817.79
21	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	33.09 ✓	Cum	7800.76 ✓	258127.15
22	Reinforced cement concrete work in walls (any thickness) including attached pillars, 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. 1:1.5:3 mix.	42.60 ✓	Cum	9408.14 ✓	400786.76
23	Reinforced cement concrete work in Suspended floors , roofs having slope upto 15°, beams etc upto floor five level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	4.50 ✓	Cum	9849.35 ✓	44322.08
24	Reinforced cement concrete work in arches, archribs, 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: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	4.10 ✓	Cum	10404.52 ✓	42658.53

	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	9670.00 ✓	Kg	87.18 ✓	843030.60
26	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations	51.36 ✓	Sqm	262.30 ✓	13471.73
27	Walls	423.05 ✓	Sqm	573.85 ✓	242767.24
28	Beams	16.22 ✓	Sqm	502.85 ✓	8156.23
29	Suspended Floors	0.01 ✓	Sqm	635.60 ✓	6.36
30	Columns	212.60 ✓	Sqm	680.15 ✓	144599.89
31	Domes upto 6 Mtr Span	32.80 ✓	Sqm	2086.80 ✓	68447.04
32	Edges of slabs and breaks in floors upto 200mm thick.	0.01 ✓	RM	242.30 ✓	2.42
33	Extra for Centering and shuttering in Circular Foundations	6.97 ✓	Sqm	52.46 ✓	365.65
34	Walls	124.70 ✓	Sqm	114.77 ✓	14311.82
35	Beams (Ring Beam of SR)	13.92 ✓	Sqm	100.57 ✓	1399.93
36	Extra for Centring and shuttering in Domes exceeding 6 Mtrs in Span.	32.80 ✓	Sqm	1008.45 ✓	33077.16
37	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	214.50 ✓	Sqm	343.75 ✓	73734.38
38	12 mm thick Cement plaster 1 : 4 (1 cement : 4 coarse sand)	22.35 ✓	Sqm	260.05 ✓	5812.12
39	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work complete excluding cost of pipes and earth work.				0.00
40	100 mm Dia G.I. Pipes	1750.00 ✓	Mtr	107.70 ✓	188475.00
41	80 mm Dia G.I. Pipes	1500.00 ✓	Mtr	73.05 ✓	109575.00
42	65mm Dia G.I. Pipes	750.00 ✓	Mtr	73.05 ✓	54787.50
43	50mm Dia G.I. Pipes	1000.00 ✓	Mtr	40.80 ✓	40800.00
44	40mm Dia G.I. Pipes	900.00 ✓	Mtr	40.80 ✓	36720.00
45	25mm Dia G.I. Pipe	1300.00 ✓	Mtr	30.65 ✓	39845.00
46	20mm Dia G.I. Pipe	1800.00 ✓	Mtr	20.25 ✓	36450.00
47	15mm Dia G.I. Pipes	2000.00 ✓	Mtr	20.25 ✓	40500.00
48	Providing and fixing GI Union in GI Pipe				0.00
49	15 mm nominal bore G.I Unions	100.00 ✓	No	58.00 ✓	5800.00
50	20 mm nominal bore G.I Unions	80.00 ✓	No	100.00 ✓	8000.00
51	25 mm nominal bore G.I Unions	50.00 ✓	No	130.00 ✓	6500.00
52	40 mm nominal bore G.I Unions	20.00 ✓	No	232.00 ✓	4640.00
53	50 mm nominal bore G.I Unions	25.00 ✓	No	299.00 ✓	7475.00
54	65 mm nominal bore G.I Unions	15.00 ✓	No	477.00 ✓	7155.00
55	80 mm nominal bore G.I Unions	15.00 ✓	No	551.00 ✓	8265.00
56	100 mm nominal bore G.I Unions	15.00 ✓	No	800.00 ✓	12000.00
57	Providing and fixing gun metal gate valve with CI wheel of approved quality.				0.00
58	20 mm nominal bore	10.00 ✓	No	463.65 ✓	4636.50
59	25 mm nominal bore	10.00 ✓	No	543.85 ✓	5438.50
60	40 mm nominal bore	6.00 ✓	No	704.70 ✓	4228.20
61	50 mm nominal bore	6.00 ✓	No	942.75 ✓	5656.50

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	65 mm nominal bore	5.00 ✓	No	1568.85	7844.25
	80 mm nominal bore	5.00 ✓	No	2406.65	12033.25
54	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-a-Viz Requirement at Site)				0.00
65	20 mm dia G.I elbows	100.00 ✓	No	39.00	3900.00
66	25 mm dia G.I elbows	60.00 ✓	No	54.00	3240.00
67	40 mm dia G.I elbows	40.00 ✓	No	115.00	4600.00
68	50 mm dia G.I elbows	30.00 ✓	No	206.00	6180.00
69	65 mm dia G.I elbows	20.00 ✓	No	322.00	6440.00
70	80 mm dia G.I elbows	15.00 ✓	No	432.00	6480.00
71	20 mm to 15 mm G.I. sockets (reducing)	100.00 ✓	No	24.00	2400.00
72	25 mm to any smaller size G.I. sockets (reducing)	25.00 ✓	No	30.00	750.00
73	40 mm to any smaller size G.I. sockets (reducing)	20.00 ✓	No	55.00	1100.00
74	50 mm to any smaller size G.I. sockets (reducing)	10.00 ✓	No	91.00	910.00
75	80-65 Reducing Socket	5.00 ✓	No	150.00	750.00
76	15 mm G.I. Tee (equal)	100.00 ✓	No	32.00	3200.00
77	20 mm G.I. Tee (equal/reducing)	60.00 ✓	No	54.00	3240.00
78	25 mm G.I. Tee (equal/reducing)	40.00 ✓	No	72.00	2880.00
79	40 mm G.I. Tee (equal/reducing)	30.00 ✓	No	145.00	4350.00
80	50 mm G.I. Tee (equal/reducing)	25.00 ✓	No	230.00	5750.00
81	65 mm G.I. Tee (equal/reducing)	10.00 ✓	No	300.00	3000.00
82	80 mm G.I. Tee (equal/reducing)	5.00 ✓	No	572.00	2860.00
83	15 mm G.I Nipple of length 3", 4" and 6"	100.00 ✓	No	35.00	3500.00
84	20 mm G.I Nipple of length 3", 4" and 6"	60.00 ✓	No	46.00	2760.00
85	25 mm G.I Nipple of length 3", 4" and 6"	50.00 ✓	No	69.00	3450.00
86	40 mm G.I Nipple of length 3", 4" and 6"	40.00 ✓	No	104.00	4160.00
87	50 mm G.I Nipple of length 3", 4" and 6"	30.00 ✓	No	144.00	4320.00
88	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore	50.00 ✓	No	666.25	33312.50
89	50 to 80 mm nominal bore	10.00 ✓	No	1268.75	12687.50
90	Laying and fitting of G.I. Pipes in trenches with flanged joints including cost of 12mm MS Flanges, nuts, bolts, rubber insertion, testing and commissioning and all carriages etc complete but excluding cost of earth work and pipes. 100mm dia (only for valnurable spots only if required)	16.00 ✓	Joints	1520.00	24320.00
91	80mm dia (only for valnurable spots only if required)	16.00 ✓	Joints	1100.00	17600.00
92	Providing and fixing 100mm dia Sluice Value with with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	6.00 ✓	No	13164.00	78984.00
93	Providing and fixing 80mm dia Sluice Value with with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00 ✓	No	10815.00	21630.00
94	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	1889.82 ✓	Cum	198.70	375507.23

	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)	606.00 ✓	Kg	57.90	35087.40
96	Providing and fixing PGI Sheet strip 0.80mm thick for construction joints incld all carriages complete.	35.31 ✓	Sqm	800.00	28248.00
97	Providing and fixing PVC pipe bends 80mm dia for air vents.	10.00 ✓	No	150.00	1500.00
98	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works. (For Lids & Ladders)	242.90 ✓	Kg	146.63	35616.43
99	In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete.	126.00 ✓	Kg	114.68	14449.68
100	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces	6.70 ✓	Sqm	4788.25	32081.28
101	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	504.00 ✓	Kg	97.35	49064.40
102	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per meter cost of total length of barbed wire used. With G.I. barbed wire	1720.00 ✓	RM	19.10	32852.00
103	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
104	Cement and Steel 20 Km's	66.32 ✓	MT	357.64	23718.68
105	Sand and 20mm crushed aggregate 10 km's	170.00 ✓	Cum	280.85	47744.50
106	Crushed Agg. 40mm and above nominal Size 10 Kms	18.78 ✓	Cum	305.28	5733.16
107	Bricks from Budgam 120 Km's	0.01 ✓	No	3.71	0.04
108	Querry Stones avg 20 Km's	0.01 ✓	Cum	473.25	4.73
109	G.I. Pipes 100mm Dia 20 Km's	1850.00 ✓	RM	8.79	16261.50
110	G.I. Pipes below 100mm Dia 20 Km's	29.00 ✓	MT	357.64	10371.56
111	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 200 mtrs including loading unloading and stacking complete.				0.00
112	Cement	56.48 ✓	MT	175.08	9888.52
113	Steel	9.83 ✓	MT	376.05	3696.57
114	Sand and 20mm Crushed agg	169.64 ✓	Cum	347.00	58865.08
115	40mm crushed aggregate	19.14 ✓	Cum	375.13	7179.99
116	Bricks	0.01 ✓	No	0.40	0.00
117	Stones/ Boulders	0.01 ✓	Cum	246.94	2.47
118	G.I. Pipes 100mm Dia 600 Mtrs	1850.00 ✓	RM	10.83	20035.50
119	G.I. Pipes below 100mm Dia 600 Mtrs	29.00 ✓	MT	400.68	11619.72
	Total				5186896.75
	Add Contractors Tender Appreciation @ 2% on All items				102823.25
	G. Total				5289720.00

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara