

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

MS : Mohd Shafi Bhat
 No : Gh Rasool Bhat
 K/b : Machipora
 Regd No : 79/BK-SE-PWD/DEE/2008-09
 GST No. : 01BETPB9418K2ZA

No: - PHE/Hand/ 3450-53 Date: 27/2/2023

Adv. Cost :- Rs 84.93 lacs
 Allotted Cost:-Rs.8663712.41/-
 Time of Completion 120 days

Sub: Laying and fitting Including Successful Testing and Commissioning of Intake Main, Supply mains, Pipe Distribution Network and Construction Including Successful Testing Commissioning of Chowkidar Quarter, Sluice Chambers and Chain Link Fencing for WSS Badra Payeen Under JJM


Ref:- Your tender in response to this office E-NIT No .34/PHE /Hand of 12/2022, S.No.10 issued under this Office No.2620-30 of 22-12-2022

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/12853-70 dated.09-02-2023
3. Accord No. CE/PHE/DB/246 of 31-08-2022
4. Technical Sanction Order No.CE/PHE/DB/234 of 08/2022 Dated:-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	Allotted 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:				
2	All kinds of soil :	2836.36	Cum	436.00	1236652.96
3	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:				
4	Ordinary rock	491.89	Cum	841.60	413974.62
5	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:				
6	All kinds of soil :	315.54	Cum	252.05	79531.86
7	Ordinary rock	25.82	Cum	470.00	12135.40
8	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :				
9	All kinds of soil :	12.26	Cum	81.65	1001.03
10	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.	4540.50	Cum	198.70	902197.35
11	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	37.77	Cum	1320.00	49856.40

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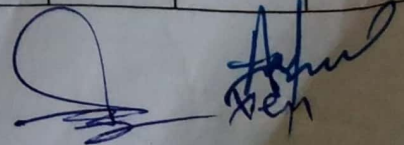
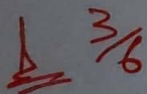
	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
13	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	47.2	Cum	6465.20	305157.44
14	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	66.00	Cum	5399.02	356335.32
15	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	36.93	Cum	4861.84	179547.75
16	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				
17	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	3.36	Cum	6978.68	23448.36
18	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.				
19	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	8.24	Cum	9408.14	77523.07
20	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:				
21	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	1.16	Cum	9849.35	11425.25
22	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:				
23	Dry random rubble masonry with hard stone in foundation and plinth with bond stone in quarry	18.67	Cum	2497.50	46628.33
24	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). Incl extra above plinth	17.76	Cum	7111.31	126296.87
25	Extra for brickwork in superstructure above plinth level upto floor V level	17.76	Cum	1522.19	27034.09
26	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)	33.54	Sqm	505.00	16937.70
27	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).	10.49	Sqm	2171.10	22774.84



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	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.	19.61	Sqm	1161.05	22768.19
29	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position:- First class KD. Wood	1.76	Cum	60000.00	105600.00
30	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	16.56	Sqm	3093.80	51233.33
31	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, kail wood.	11.43	Sqm	3307.80	37808.15
32	P/F aluminium handles ISI mark with necessary screws all complete 100mm long	36	No.	52.30	1882.80
33	P/F aluminium handles ISI mark with necessary screws all complete 150mm long	8	No.	66.35	530.80
34	P/F aluminium tower bolts ISI mark with necessary screws all complete 100mm long	72	No.	57.35	4129.20
35	P/F aluminium tower bolts ISI mark with necessary screws all complete 150mm long	8	No.	89.20	713.60
36	P/F bright finished brass 100mm mortice latch and lock with 6lever and a pair of lever handles with necessary screws etc. complete (best make of approved quality)	4	No.	1839.60	7358.40
37	P/F aluminium hanging floor single rubber door stopper isi mark with necessary screws all complete	4	No.	54.60	218.40
38	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete. poplar wood	3.46	Cum	30000.00	103800.00
39	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)	89.59	Sqm	951.80	85271.76
40	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	48.17	m	691.35	33302.33
41	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron orissa pattern, 10 Ltr low level PVC cistern, incl. all fittings and fixtures complete and pan size of 580 x 440 mm.	1	Each	5534.85	5534.85
42	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	1	Each	4575.20	4575.20

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43	Providing and placing on terrace polyethylene water storage tank with cover and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	500	Litre	11.25	5625.00
44	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. of 15 mm bore.	18	Metre	431.10	7759.80
45	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. (external work)	18	Metre	163.55	2943.90
46	Providing and fixing CP brass bib cock of approved quality of 15 mm nominal bore.	3	Each	436.50	1309.50
47	Providing and fixing CP brass long nose bib cock of approved quality of 15 mm nominal bore.	4	Each	624.30	2497.20
48	Providing and fixing CP brass angle valve of approved quality of 15 mm nominal bore.	3	Each	536.10	1608.30
49	Providing and fixing brass stop cock of approved quality of 15 mm nominal bore.	1	Each	657.30	657.30
50	Providing and fixing of PVC soil, waste and vent pipes of reputed make and 100mm dia. Incl. earthwork, refilling etc	9	m	300.00	2700.00
51	Providing and fixing of PVC soil, waste and vent pipes of reputed make and 75mm dia. Incl. earthwork, refilling etc	6	m	275.00	1650.00
52	P/F internal electrification, incl providing lighting/heating points, wires/switches, MCBs, conduit pipes of approved make Havells/Anchor/GM. (As directed by Engineer Incharge) to be paid as per actual	1	Job	40000.00	40000.00
53	Centering and shuttering including strutting, propping etc. and removal of form for:				
54	Foundations, footings, bases of columns etc. for mass concrete.	157.08	sqm	262.30	41202.08
55	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	389.4	sqm	573.85	223457.19
56	Suspended floors, roofs, landings, balconies and access platforms.	8.00	sqm	635.60	5084.80
57	Edges of slabs and breaks in floors and walls	18.8	m	242.30	4555.24
58	Thermo-Mechanically Treated bars of grade Fe-500D or more.	1044	Kg	87.18	91015.92
59	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.	5331.00	Kg	91.03	485280.93
60	Structural steel work in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. Welded	500.00	Kg	102.14	51070.00
61	Structural steel work in single section fixed for grill work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	103.5	Kg	179.90	18619.65
62	Providing & fixing of MS fittings viz bends of suitable degree, tees, collars etc to be fabricated from 6mm Nominal Size MS plate as per the requirement of site including cost of welding. The work should be leakproof and should be painted with anti corrosive red oxide primer. Complete Job.	150	Kg	147.82	22173.00
63	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 mm direction of Engineer-in-charge	411	sqm	733.50	301468.50
64	12mm Cement plaster finished with a floating coat of neat cement of mix:				
65	12mm Cement plaster				

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	1 (1 cement : 4 fine sand)	372	Sqm	260.05	96738.60
	Providing and applying white cement based putty of 2mm thickness over plastered surfaces to prepare the surface even and smooth complete.	112.11	Sqm	172.40	19327.76
68	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.	112.11	Sqm	149.05	16710.00
69	Applying one coat of water thinable cement primer of approved brand and manufacture on wall surface.	66.63	Sqm	59.35	3954.49
70	Applying priming coat with ready mixed primer of approved paint of required shade on new work.	36.75	Sqm	59.50	2186.63
71	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade. Two or more coats on new work	457.37	Sqm	121.95	55776.27
72	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	396	sqm	91.80	36352.80
73	With ready mixed primer of approved brand and manufacture and required shade	36.75	sqm	59.50	2186.63
74	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
75	Two or more coats on new work	457.37	sqm	121.95	55776.27
76	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipes)	603.16	Qtl	245.55	148105.94
77	Providing push-on-joints to centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints.				
78	150mm dia D.I				
79	125mm dia D.I	166	Each	117.20	19455.20
80	100mm dia D.I	419	Each	89.70	37584.30
81	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
82	15 mm dia. nominal bore	8000	m	20.25	162000.00
83	20 mm dia. nominal bore	6000	m	20.25	121500.00
84	25 mm dia. nominal bore	6000	m	30.65	183900.00
85	40 mm dia. nominal bore	5000	m	40.80	204000.00
86	50 mm dia. nominal bore	5000	m	40.80	204000.00
87	65 mm dia. nominal bore	1300	m	73.05	94965.00
88	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and sorts of carriages. Complete Job.				
89	80 mm dia. pipe	386	Joint	1100.00	424600.00
90	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Sand:				
91	15 km	81.43	Cum	341.57	27814.05
92	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm :				
93	22 km				
94	15 km	129.06	Cum	341.57	44083.02
95	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above :				
96	15 km	17.03	Cum	371.29	6323.07
97	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Stone Soling :				
98	15 km	38.73	Cum	401.83	15562.88

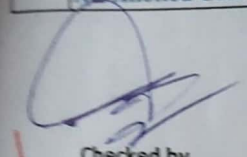
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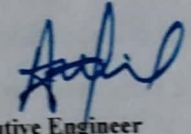
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103	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement and Steel				
104	15 km	59.18	Tonne	303.65	17970.01
105	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bricks 120km	8436	No.	3.71	31297.56
106	Carriage of GI pipes by mechanical transport including loading, unloading, stacking at site.				
107	20km	91.58	MT	303.65	27808.27
108	Carriage of DI pipes by mechanical transport including loading, unloading, stacking at site avg. 15 kms				
109	125mm dia D.I	1000	M	9.97	9970.00
110	100mm dia D.I	2550	M	7.46	19023.00
111	Provision for pipe specials as per site engineer	1	Job	741000.00	741000.00
	Total				8493835.70
	Allotted Rates @ 2% above Adv Cost				2%
	Net Allotted Cost				8663712.41


 Checked by
 Head Draftsman


 Executive Engineer
 PHE Jal Shakti Division Handwara