

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

10/08/2023 JJM

S Ali Mohammad Sofi

S/O Ab Ganie Sofi

R/O Gulshanabad Sarnal Anantnag

Regd: 49-AY/SE/Hyd/Ang/2004-2005

No/PHB: 2186-90

Dated: 15-05-2023

GST. No:-01BCJPS2299P1ZX

Tender ID: 2022 PHE 199009 10

Adv. Cost Rs:53.08 Lacs

Alloted cost Rs:48.89 Lacs

Subject:-

Construction of Chowkidar Quarter and laying fitting of supply main, sub main and distribution system for Sagam WSS Sagam Khalhar Under JJM

Reference

1. In response to this office Fresh e-NIT No. 63 OF 2022-23 No: PHEB: 13060-80 Dated: 08.12.2022
2-4.DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3858-60 Dated: 30.07.2022 , No/DDCA/DJJM/9413 Dt: 04.11.22 and No/DDCA/JJM/12613 Dated:03.02.2023
05. Superintending Engineer Hyd.Circle Anantnag's Authrozation Letter No:SE/Hyd/4590 Dated: 03.08.2022

For & on behalf of Lt. Governor of J&K (UT), contract for above noted work is hereby fixed with you on the following quoted rates :-


Sl.No	Description of Work / Item(s)	Qty	Units	Estimated Rate	Amount
1	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m. as directed by Engineer-in-Charge.				
2					
3	All kinds of soil 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 (1 meter from cutting edge)	77.00	Cum	539.35	41530
4					
5	All kinds of soil Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :	4122.00	Cum	436.00	1797192
6					
7	All kinds of soil Providing and laying of dry stone solling tightly hand packed on horizontal levels.	13.00	Cum	81.65	1061
8	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:	15.00	Cum	616.4	9246
9	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	10.00	Cum	4861.615	48616
10	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				
11	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	10.55	Cum	6978.675	73625
12	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :				
13	Cement mortar 1:6 (1 cement : 6 coarse sand)	19.19	Cum	6183.75	118666
14	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	15.00	Cum	1323.65	19855
15	Centering and shuttering including strutting, propping etc. and removal of form for:				
16	Lintel, beams, plinth beams, girders, bressumers and cantilevers	17.00	Sqm	502.85	8548
17	Suspended floors, roofs, landings, balconies and access platforms.	39.76	Sqm	635.6	25271
18	Edges of slabs and breaks in floors and walls Under 20 cm wide	46.08	Rm	242.3	11165
19	12mm Cement plaster finished with a floating coat of neat cement of mix:				
20	1 : 3 (1 cement : 3 fine sand)	19.61	Sqm	343.75	6741
21	1 : 4 (1 cement : 4 fine sand)	89.00	Sqm	325.45	28965

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22	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of nominal size stone aggregate.	34.00	Sqm	505	17170
23	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level				
24	Hot rolled deformed bars				
25	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)	1002.00	kg	87.175	87349
26	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	2045.00	kg	102.13	208856
27	0.63 mm thick with zinc coating not less than 275 gram/m2				
28	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	65.19	sqm	951.8	62048
29	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	22.88	Sqm	691.35	15818
30	Providing and fixing of 12 mm thick Ply Board soffit along with supporting of First Class Popular wooden ballies	29.50	Mtr.	693.9	20470
31	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately):	17.74	Sqm	850	15079
32	First class kail wood	0.71	Cum	106894.15	75895
33	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note: -Butt hinges and necessary screws shall be paid separately).				
34	First class kail wood (35 MM THICK)	7.03	sqm	3093.8	21749
35	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.				0
36	First class kail wood (35 MM THICK)	12.46	sqm	3726.05	46427
37	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge :First class kail wood	8.55	sqm	3651.85	31223
38	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick. First class Kail Wood	3.19	sqm	2501.75	7981
39	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 1 mm thick	79.16	Sqm	129.5	10251
40	P/F of 1st quality ceramic glazed tiles confirming to IS : 13753 of minimum thickness 5mm of approved make like NITCO, ORIENT, SOMANY, KAJARIA or equivalent make in all colour, shades except bergandy, bottle green, black of any size as approved by Err. incharge in skirting, risers of steps and dados over 12mm thick bed of cement mortar 1:3 (1 cement, 3 coarse sand) and jointing with grey cement slurry @ 3.30 Kgs/SM including pointing in white cement mixed with pigment of matching shade complete.	11.88	Sqm	1161.05	13793




41	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturers) of 1st quality conforming to IS: 15622 of approved make, laid on 20 mm thick bed of cement mortar 1: 4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete. In all colours, shades, except White, Ivory, Fume Red Brown	3.06	SM	1115.8	3414
42	Filling available excavated earth (excl. rock) in trenches plinth sides of foundation etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming & watering lead upto 50 m, & lift upto 1.5 m.	3709.00	Cum	198.7	736978
43	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.			20.25	60750
44	15 mm dia. G.I. pipes	3000.00	Mtr.	20.25	101250
45	20 mm dia. G.I. pipes	5000.00	Mtr.	30.65	137925
46	25 mm dia. G.I. pipes	4500.00	Mtr.	40.8	142800
47	40 mm dia. G.I. pipes	3500.00	Mtr.	40.8	122400
48	50 mm dia. G.I. pipes	3000.00	Mtr.	73.05	255675
49	65 mm dia GI pipe	3500.00	Mtr.	73.05	219150
50	80 mm dia GI pipe	3000.00	Mtr.		
51	Dry random rubble masonry with hard stone in foundation and plinth: With bond stone.	15.90	Cum	2497.5	39710.25
52	Pointing on stone work with cement mortar 1 : 3 (1 cement : 3 fine sand) Flush/Ruled Pointing	18.53	Sqm	270.08	5004.5824
53	Random Rubble masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level and curing complete with: Cement mortar 1:6 (1 Cement : 6 coarse sand)	38.92	cum	4435.25	172619.93
54	Providing and laying damp-proof Course 50 mm thick with cement concrete 1:2:4 (1 cement:2 coarse sand: 4 graded stone aggregate 20 mm nominal size) and curing complete	22.97	SM	372.85	8564.3645
55	Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required. White glazed fire clay kitchen sink of size 600x450x250 mm	1.00	No	4374.95	4374.95
56	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				
57	a) Internal work Concealed fixing the pipe with clamps at 1.00 meter spacing including cutting chases and making good the wall etc PN-16 pipe, 25mm OD (SDR-7.4)	45.73	Rm	365.10	16696.023
58	b) External work including trenching, refilling etc. PN-16 pipe, 25mm OD (SDR-7.4)	27.44	Rm	450.00	12348
59	Providing and fixing PPR Unions PPR Union 25 mm	3.00	No	309.20	927.6
60	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) 25 mm nominal bore Gate valve	2.00	No	543.85	1087.7
61	P/F PVC pipe Prince Type-B and PVC accessories of approved quality incl all costs and carriages				
62	a) 75mm dia	9.14	Rm	380.00	3473.2
63	b) 100mm dia	18.29	Rm	420.00	7681.8
64	c) 75mm tee	2.00	No	150.00	300
65	d) 75mm bend	2.00	No	150.00	300
66	e) 100mm tee	2.00	No	180.00	360
67	f) 100mm bend	4.00	No	180.00	720
68	g) 75mm Door bend	1.00	No	220.00	220
69	h) 75mm Collar	3.00	No	100.00	300
70	i) 100mm Collar	4.00	No	120.00	480
71	j) 100mm Floor Trap	2.00	No	250.00	500
72	k) 100mm P Trap	3.00	No	300.00	900
73	P/F of Sanitary fittings of approved brand and manufacture				

74	a) Angle Valve					
75	c) PVC Connections	7.00	No	1250.00	8750	
76	d) Gyser 50 ltr Capacity	5.00	No	250.00	1250	
77	f) PVC flexible waste pipe	1.00	No	15000.00	15000	
78	g) CP Waste	2.00	No	170.00	340	
79	h) Bib cock	1.00	No	500.00	500	
80	k) Health Faucet	2.00	No	1500.00	3000	
81	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Ltrs	11.25	5625	
82	Electrification					
83	Heating Points	6.00	No	1500.00	9000	
84	Lighting Points	20.00	No	1200.00	24000	
85	Iron Grill for Windows					
86	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 etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.					
87	Windows	18.00	kg	133.30	2399	
88	Ventillator	4.00	kg	133.30	533	
89	Construction of manholes in cement mortar 1:4 RCC top slab with 1:2:4 mix, foundation concrete 1:4:8 mix, incl inside plaster 12mm thick with cement mortar 1:3 finished with a floating coat of neat cement, complete as per design of size 90X80X60 cm	1.00	No	5000.00	5000	
90	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in-charge, Orissa pattern W.C Pan of size 580x440 mm	1.00	No	3690.25	3690	
91	Distemping with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ liter, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. Two coats	79.16	Sqm	78.65	6226	
92	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	66.82	Sqm	91.8	6134	
93	Finishing with Deluxe multi surface paint system for interiors and exteriors using primer as per manufacturers' specifications: Painting wood work with deluxe multi surface paint of required shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.75litre/10sqm of approved brand and manufacture	38.46	Sqm	125.5	4827	
94	Providing / fixing of D./G.I bends, Tees, Unions, Elbows, Nipples etc.					
95	100 mm dia D.I bends/tees	10.00	No.	1500	15000	
96	80 mm dia Di bends / tees	8.00	No.	1300	10400	
97	80 mm dia G.I bends / tees	10.00	No.	1200	12000	
98	40 mm dia G.I unions	8.00	No.	400	3200	
99	50 mm dia unions	8.00	No.	500	4000	
100	65 mm dia unions	8.00	No.	650	5200	
101	25 mm dia G.I unions	30.00	No.	300	9000	
102	20/ 15 mm GI unions	40.00	No.	250	10000	
103	25/20/ 15 mm tees	40.00	No.	240	9600	
104	40/25/20 mm elbows	40.00	No.	200	8000	
105	By Mechanical Transport including loading, unloading and stacking	86.20	MT	490.13	42249	
106	Below 100 mm G.I Pipes (35 kms)	14.65	MT	463.6225	6792	
107	Cement and Steel (32 Kms)	41.60	Cum	521.525	21695	
108	Sand, stone aggregate below 40 mm nominal size (32 Kms)	8.84	Cum	566.881	5011	
109	Stone aggregate 40 mm nominal size and above (32 Kms)					



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110	Stone Soling (32 Kms)					43093
111	Bricks (35 Kms)	70.23	Cum	613.594		11577
112	By Manual Labour including loading, unloading and stacking	9116.00	No	1.27		
113	Below 100 mm G.I Pipes (500 m)					30627
114	Cement (400 m)	86.20	MT	355.296		2765
115	Steel (400 m)	11.22	MT	246.422		1609
116	Sand, stone aggregate below 40 mm nominal size (400 m)	3.04	MT	529.322		22081
117	Stone aggregate 40 mm nominal size and above (400 m)	41.60	Cum	530.805		5063
118	Stone Soling (400 m)	8.84	Cum	572.746		7840
119	Bricks(400 m)	70.23	Cum	623		5308000
		9116.00	No	0.86		
Total						5308000
Deduct@7.89% for all items rates quoted by the bidder						419000
Alloted cost after the deduction						4889000
Pay Rs: 48.89Lacs						

Rates & Qty Checked


Head Draftsman


Technical Officer


Executive Engineer
Jal Shakti RHE Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 48.89 Lacs Forty eight Lac eighty nine thousand only
2	The work shall have to be completed within a period of 60 working days from the date of issuance of this allotment order failing which penalty upto 10% of the total value of contract shall be imposed upon you.
3	The earnest money shall be deposited in the shape of CDR/FDR/BG within seven days after issuance of this allotment as per the terms and conditons of NIT/SBD.
4	Client/Paying Authority: The client/paying authority shall be the concerned Executive Engineer. Besides, the supervision of the various components of the work shall be carried out by the concerned Engineers of the Division/TPIQM consultants under the overall coordination of the concerned Superintending Engineer Hydraulic Circle/Executive Engineer/Assitant Executive Engineer
5	Terms of Payment: Payment can be claimed on a monthly basis subject to the amount of bill being proportionate to the value of work viz a viz completion period within a variation of -5%.
	Warranty: The firm shall be bound for satisfactory performance of works for 18 months after the successful commissioning of subject work. If during warranty period any malfunctioning/ defects arise, the firm /joint venture shall have to rectify the same within a period of ten days of receipt of intimation. In case of any failure on the part of the firm/joint venture to remove the defect, the Department may get the defects removed/ repaired by any other agency and cost thereof shall be recovered from the firm / joint venture and shall be recommended for further punitive action as governed under the relevant clause of the contract including blacklisting.
	Trial Run: After testing and commissioning of work, the bidder will have to make a trial run of the work for a period of 03 months during which the bidder will have to operate and maintain the executed work to the full satisfaction of the Department.
	Defects Liability Period (DLP): The defects Liability period shall be for a period of 12 Months which shall commence after the successful completion of Trial run. The bidder shall be responsible to make good & remedy at his own expense any defect in works which is noticed during the DLP. In case any defect remains unattended by the firm at the completion of DLP, the department may extend the DLP for such time as deemed fit for getting the defect rectified subject to a maximum ceiling of 6 Months.