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GOVT. OF UT JAMMU & KASHMIR

OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

: Ab Majeed Reshi
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Regd No : 789/AA/CE/KCC/PDC/2007-08

GST No. : 01A0FPR1918B1ZJ

No. - PHE/Hand/ 1401-1404 Date:- 02/08/2023

Adv. Cost : - Rs 138.00 Lacs
Allotted Cost:-Rs. 14255493.83/-
Time of Completion 180 days

Sub : Construction including Successful Testing and Commissioning of 0.50 Lac Gallons Capacity GSR, Sluice Chamber, Raw Water Sump/Pump House/ Intake Channel, Gang Hut, R/ Wall, B/ Wall, Anchor/ Saddle Blocks, Bath Room, approach road and providing Chain Link fencing around structures for WSS Awathkhul Natnussa unde JJM.

Ref:- Your tender in response to this office E-NIT No.08 /PHE /Hand 05/2023 of S.No.04 issued under this Office No.281-91 of 24-04-2023.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/2744-67 dated. 17-07-2023
3. Accord No.CE/PHE/DB/JJM/246 of 08/2022 dtd 31-08-2022
4. Technical Sanction Order No.CE/PHE/DB/248 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 in:-All kinds of Soil	310.38	Cum	436.00	135325.68
2	Ordinary Rock	0.01	Cum	841.60	8.42
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	336.74	Cum	539.35	181620.72
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	0.01	Cum	252.05	2.52
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	1337.14	Cum	188.75	252385.18
7	Ordinary Rock	0.01	Cum	378.35	3.78
8	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	310.72	Cum	81.65	25370.29
9	Ordinary Rock	0.01	Cum	146.45	1.46
10	Addll 2 lift All kinds of Soil	220.00	Cum	163.30	35926.00
11	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	1500.00	KL	155.55	233325.00
12	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	99.64	Cum	1320.00	131524.80

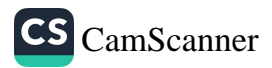
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13	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	37.03	Cum	4861.84	18003.91
14	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)	174.11	Cum	5437.74	946764.91
15	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)	17.20	Cum	6465.20	111201.44
16	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)	6.07	Cum	6978.68	42360.59
17	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)	55.82	Cum	7801.00	435451.82
18	Reinforced cement concrete work in walls (any thickness) including attached pillasters, 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.	105.69	Cum	9408.14	994346.32
19	Reinforced cement concrete work in Suspended floors , roofs having slope upto 15°, beams etc 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)	35.70	Cum	9849.35	351621.80
20	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)	8.08	Cum	10404.50	84068.36
21	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	48.28	Cum	6802.13	328406.84
22	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	44.48	Cum	1456.02	64763.77
23	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	22100.00	Kg	87.18	1926678.00
24	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)	0.01	Cum	4435.25	44.35
25	Excluding Cost of Stones	0.01	Cum	3919.05	39.19
26	Dry random rubble masonry with hard stone in foundation and plinth: With bond stone.	21.97	Sqm	2497.50	54870.08
27	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations	661.97	Sqm	262.30	173634.73
28	Walls	975.85	Sqm	573.85	559991.52

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29	Beams	84.35	Sqm	502.85	42415.40
30	Suspended Floors	169.15	Sqm	635.60	107511.74
31	Columns	235.34	Sqm	680.15	160066.50
32	Domes upto 6 Mtr Span	64.68	Sqm	2086.80	134974.22
33	Edges of slabs and breaks in floors upto 200mm thick.	28.84	RM	242.30	6987.93
34	Extra for Centering and shuttering in Circular Foundations	18.04	Sqm	52.46	946.38
35	Walls	609.66	Sqm	114.77	69970.68
36	Beams (Ring Beam of SR)	32.88	Sqm	100.57	3306.74
37	Suspended Floors	233.00	Sqm	100.57	23432.81
38	Extra for Domes exceeding 6 Mtr in Span	64.68	Sqm	1008.45	65226.55
39	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	25.00	Cum	787.40	19685.00
40	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): 2nd class Kail Wood	1.74	Cum	92065.35	160193.71
41	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. Second kail wood 35mm thick	14.36	Sqm	2745.95	39431.84
42	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, Windows and Clerestory windows (Area of pening 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 1st Class Kail Wood.	9.03	Sqm	2501.75	22590.80
43	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	3.60	Sqm	1768.05	6364.98
44	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 kail wood 35mm thick.	14.77	Sqm	3338.05	49303.00
45	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 Second kail wood 35mm thick	14.27	Sqm	3307.80	47202.31
46	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	94.00	No	163.05	15326.70
47	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	10.00	Cum	787.40	7874.00
48	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 steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	33.54	Sqm	505.00	16937.70
49	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	416.42	Sqm	343.75	143144.38
50	12 mm thick Cement plaster 1 : 4 (1 cement : 4 coarse sand)	76.12	Sqm	241.75	18402.01

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51	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	214.05	Sqm	278.60	59634.33
52	Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with anticorrosive red oxide primer and all carriages upto site of work complete.	200.00	Kg	147.82	29564.00
53	Providing and fixing 150mm dia Sluice Valve with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	20243.00	20243.00
54	Providing and fixing 100mm dia Sluice Valve with with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	13164.00	26328.00
55	Providing and fixing 80mm dia Sluice Valve with with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	10815.00	21630.00
56	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	184.72	Cum	198.70	36703.86
57	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)	1373.00	Kg	57.90	79496.70
58	Providing and fixing PGI Sheet strip 0.80mm thick for construction Joints incld all carriages complete.	15.00	Sqm	800.00	12000.00
59	Providing and fixing PVC pipe bends 80mm dia for air vents.	12.00	No	150.00	1800.00
60	Providing and laying S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes conforming to IS : 8329 150 mm dia Ductile Iron Class K - 7 Pipes	100.00	RM	1581.25	158125.00
61	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia	1.00	qtl	7408.95	7408.95
62	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 conforming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover	3.25	Sqm	3238.20	10524.15
63	Providing and fixing ball bearing for rolling shutters.	2.00	No	483.10	966.20
64	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.	7718.00	Kg	91.03	702569.54
65	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)	634.00	Kg	146.63	92963.42
66	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)	0.01	Kg	105.76	1.06

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67	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat coat of approved steel primer all complete. (Welded)	2400.00	Kg	102.13	245112.00
68	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	103.50	Kg	102.13	10570.46
69	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.	0.01	Kg	97.35	0.97
70	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
71	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In- Charge made of G.I. Wire of dia 4mm.	560.00	RM	733.50	410760.00
72	Supply, Fabrication, Fixing in position Mild Steel Edge Cutter with mild steel anchorage including welding and making position for fixing of reinforcement of wall as per approved drawings and technical specifications and as per instructions of Site Engineer Incharge.	734.00	Kg	92.85	68151.90
73	Sinking of well through all types of sink complete as per drawings and all technical specification having inner dia of 5.50m by way of making of platform overhead wall, with loading, unloading of sand filled EC bags for required number of castings and engagement of skilled with sinking depth as per site conditions and removal of platform as per directions of site engineer Incharge.	10.00	RM	25000.00	250000.00
74	Providing and Installation of Gantry in the Pump House and Providing of steel Railing on Sides of Ramp incld all carriages of material as per direction of Engineer In Charge. complete Job.	1.00	Job	25000.00	25000.00
75	Filling Of EC bags with sand/ soil including cost of sand/ earth, EC Bags, Filling Of Sand/ Earth In Bags, Loading and Unloading Bags from source to site.	11272.00	Bags	25.00	281800.00
76	Dismantling of Ring Bund/Spur Bund/Push Bund including disposal of materials as directed.	399.00	Cum	200.00	79800.00
77	Providing hoisting and fixing trusses/purlins /rafters/posts/post-plates or like components including cost of screws etc. complete First class Budloo wood.	3.46	Cum	138685.40	479851.48
78	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 0.63 mm thick with zinc coating not less than 275 gram/m2	184.59	Sqm	951.80	175692.76
79	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.	100.17	RM	691.35	69252.53

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80	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. 0.80 mm thick with zinc coating not less than 275 gram/m ²	0.01	RM	626.15	6.26
81	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	70.00	RM	693.90	48573.00
82	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood	0.01	Cum	60102.80	601.03
83	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 for soffit boarding.	20.00	Sqm	1712.85	34257.00
84	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. 2 mm thick	177.11	Sqm	172.40	30533.76
85	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	177.11	Sqm	149.05	26398.25
86	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	72.25	Sqm	59.50	4298.88
87	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	58.87	Sqm	121.95	7179.20
88	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/ steel works	573.00	Sqm	52.75	30225.75
89	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.80litre/10sqm of approved brand and manufacture	573.00	Sqm	125.60	71968.80
90	Applying one coat of Water Thenable Cement Primer of approved brand and manufacture on wall surfaces	243.23	Sqm	59.35	14435.70
91	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	293.23	Sqm	91.80	26918.51
92	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	8.00	No	292.80	2342.40
93	250 x16 mm	2.00	No	229.90	459.80
94	Providing and fixing Aluminium Hanging Floor Single Rubber Door stoper anodic coating not less than grade AC 10 as per IS: 1868	8.00	No	54.60	436.80
95	Providing and fixing aluminum tower bolts ISI marked anodized (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x 10mm	18.00	No	80.35	1446.30
96	100 x 10mm	156.00	No	57.35	8946.60
97	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	18.00	No	66.35	1194.30
98	100mm	80.00	No	52.30	4184.00
99	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked with 6 levers and a pair of anodised anodic coating not less than grade AC 10 as per IS: 1868. aluminium lever handles of approved quality with necessary screws etc complete.	3.00	No	1839.60	5518.80

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100	Flooring with Marble stone of specified thickness as per sample of marble approved by Engineer-In-Charge over 20mm average thick base of Cement Mortar 1:4 (1 Cement: 4 Coarse Sand) laid and joined with gray cement slurry including rubbing, polishing and curing complete with Raj nagar Palin.	7.00	Sqm	2171.10	15197.70
101	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	42.71	Sqm	1161.05	49588.45
102	Providing and fixing 1st quality ceramic glazed floor 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 @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	8.54	Sqm	1052.25	8986.22
103	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe	30.00	RM	321.15	9634.50
104	2025 (25mm OD) pipe	30.00	RM	385.85	11575.50
105	Providing and fixing PPR Unions PPR Union 20mm	5.00	No	259.70	1298.50
106	PPR Union 25mm	5.00	No	309.20	1546.00
107	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes	0.01	RM	2760.40	27.60
108	Supplying, filling, spreading and levelling Stone boulders behind wall of Dug Well as per the direction of Engineer Incharge including all carriages and head loads etc complete	0.01	Cum	1320.00	13.20
109	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) conforming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	2.00	No	5534.85	11069.70

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110	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00	No	4575.20	4575.20
111	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	2.00	No	131.15	262.30
112	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.: Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall: 15 mm dia. nominal bore	20.00	RM	431.10	8622.00
113	20 mm dia. nominal bore	20.00	RM	476.60	9532.00
114	Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work) 15 mm dia. nominal bore (Medium)	36.00	RM	163.55	5887.80
115	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	7.00	No	436.50	3055.50
116	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg	3.00	No	2207.60	6622.80
117	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	5.00	No	657.30	3286.50
118	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	8.00	No	536.10	4288.80
119	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-in-charge	10.00	No	62.30	623.00
120	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete	2.00	No	438.85	877.70
121	Providing and Fixing PTMT Towel rail Complete with brackets fixed to wooden cleats with CP Brass screws with Concealed fitting arrangements of approved quality and colour. 50mm long Towel rail with total length of 495mm , 78mm wide and effective height of 88mm, weighing not less than 170gms.	2.00	No	686.15	1372.30
122	Providing and Fixing PTMT Shelf 440mm long, 124mm width and 36mm height weighing not less than 300 gms,	2.00	No	790.50	1581.00
123	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	1000.00	Ltr	11.25	11250.00
124	Providing and fixing C.I manhole Cover 0.45 x 0.45m size	4.00	No	1750.00	7000.00
125	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth work and refilling. 100mm dia	39.00	RM	1750.00	68250.00
126	75mm dia	24.00	RM	1750.00	42000.00
127	Providing and fixing PVC Door Fittings complete.				0.00
128	100mm floor trap	4.00	No	500.00	2000.00
129	100mm door junction	4.00	No	350.00	1400.00
130	100mm Collar	4.00	No	175.00	700.00
131	100mm Gasket	4.00	No	200.00	800.00
132	100mm bends	4.00	No	250.00	1000.00
133	80mm Door Junction	4.00	No	300.00	1200.00
134	80mm floor trap	4.00	No	250.00	1000.00
135	80mm bend	4.00	No	200.00	800.00
136	80mm Collar	4.00	No	150.00	600.00
137	Floor Grating	4.00	No	250.00	1000.00

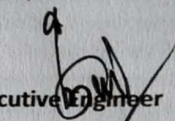
P-5/5

138	Providing Lighting points . Using wire of 1-5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc including Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz . complete	18.00	points	1400.00	25200.00
139	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete	6.00	points	2000.00	12000.00
140	Providing and fixing Exhaust Fan in 1.5 Sqmm multi strand PVC Copper wire to be laid in conduits and fixing of exhaust fans, switches etc all complete.	3.00	points	2000.00	6000.00
141	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	3.00	No	2500.00	7500.00
142	Supply and fixing of Hot Water Gysar 50 Ltr Capacity including all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.	2.00	No	16000.00	32000.00
143	Preparation of subgrade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.	1080.00	Sqm	139.40	150552.00
144	Consolidation of subgrade with power road roller of 8 to 12 tonne capacity including making good the undulations etc. with earth or quarry spoils etc. and rerolling the subgrade.	1080.00	Sqm	2.75	2970.00
145	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm	108.00	Cum	492.75	53217.00
146	63 mm to 45 mm	81.00	Cum	564.60	45732.60
147	53 mm to 22.4 mm	81.00	Cum	575.30	46599.30
148	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)	62.10	Cum	504.40	31323.24
149	Supplying and stacking at site Good Earth	6.07	Cum	258.25	1567.58
150	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening /binding material to fill up interstices of coarse aggregate, watering and compacting to the required density.	270.00	Cum	710.85	191929.50
151	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
152	Cement and Steel 10 Km's	309.30	MT	356.60	110296.38
153	Sand and 20mm crushed aggregate/ Screening / Moorum 20 km's	687.13	Cum	402.29	276425.53
154	Crushed Aggregate 40mm nominal Size and above 30 Kms	303.32	Cum	437.30	132641.84
155	Bricks 110 Km's	22855.00	No	3.45	78849.75
156	Stones 20 Km's	21.97	Cum	473.25	10397.30

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157	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 150 mtrs including loading unloading and stacking complete.				0.00
158	Cement	207.44	MT	157.24	32617.87
159	Steel	9.49	MT	337.73	3283.00
160	Sand and 20mm Crushed agg	362.89	Cum	301.30	109338.76
161	40mm crushed aggregate	22.67	Cum	325.73	7384.30
162	Bricks	12505.00	No	0.56	7002.80
163	Stones	21.97	Cum	354.46	7787.49
	Total				13800090.83
Add Contractors Tender Appreciation @ 3.30% on All items					455403.00
	G.Total				14255493.83


 Checked by
 Head Draftsman

 DM


 Executive Engineer
 PHE Jal Shakti Division Handwara