

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

M/S : Gh Mohammad Lone
S/o : Ali Mohammad Lone
R/o : Magam
Regd No : 617/BEE/CEE/KCC/PDC/2007-08
GST No. : 01AHWPL4241RIZS

No: - PHE/Hand/ 530-32 Date: 05/15/2023

Adv. Cost : - Rs 131.17 Lacs
Allotted Cost:-Rs. 13642292.21/
Time of Completion 180 days

Sub : Construction and successful testing commissioning of SR 0.50 LG 2 NO, SLUICE CHAMBER 2 NO, CHOWKIDAR QTR 2 NO., CHAIN LINK FENCING 2 NO and Pump House for WSS Neelipora Magam under jjm

Ref:- Your tender in response to this office E-NIT No 49 /PHE /Hand of 2023 S.No.01 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No.DDCK/Plg/MoM/367-85 DTD. 24.04.2023
3. Accord No.CE/PHE/DB/JJM/ 246 OF 08/2022 DTD. 30.08.2022
4. Technical Sanction Order No.CE/PHE/DB/253 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	328.08	Cum	436.00	143042.88
2	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				0.00
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. 2.6.1 All kinds of soil :	211.66	Cum	539.35	114158.82
4	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	465.28	Cum	188.75	87821.60
5	Ordinary Rock				0.00
6	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material : Addtl :- 1 lift All kinds of Soil	4.90	Cum	81.65	400.09
7	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and incl carriages manual/mechanical with all leads and lifts complete	162.52	Cum	1320.00	214526.40
8	Providing and laying in position cement concrete of specified grade including curing butxcluding 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)	48.06	Cum	4861.84	233660.03
9	Providing and laying in position cement concrete of specified grade including curing butxcluding 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 40mm nominal size)	39.66	Cum	5399.02	214125.13

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10	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 1 Cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	93.09	Cum	6465.20	601845.47
11	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/upto plinth level)	14.94	Cum	6978.68	104261.48
12	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)	84.28	Cum	7801.00	657468.28
13	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.	91.38	Cum	9408.14	859715.83
14	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)	24.74	Cum	9849.35	243672.92
15	Providing and laying upto floor v level reinforced cement concrete in kerbs, steps and the like 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)				0.00
16	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)	16.16	Cum	10404.50	168136.72
17	Providing and laying in position specified grade of plain cement concrete exclud. cost of centring, shuttering, finishing – All work upto plinth level:(M20 grade with 20 mm nominal size crushed aggregates)				0.00
18	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)	72.24	Cum	6802.13	491385.87
19	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	72.24	Cum	1456.02	105182.88
20	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	18302.00	Kg	87.18	1595568.36
21	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations	156.78	Sqm	262.30	41123.39
22	Walls	1200.00	Sqm	573.85	688620.00
23	Beams	42.14	Sqm	502.85	21190.10
24	Suspended Floors	216.78	Sqm	635.60	137785.37
25	Columns	66.00	Sqm	680.15	44889.90

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5	Domes incld extra for exceeding 6 Mtr Span	129.36	Sqm	3095.25	400401.54
7	Edges of slabs and breaks in floors upto 200mm thick.	18.80	RM	242.30	4555.24
28	Extra for Centering and shuttering in Circular Foundations	36.08	Sqm	52.46	1892.76
29	Walls	557.34	Sqm	114.77	63965.91
30	Beams	9.94	Sqm	100.57	999.67
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): 2nd class Kail Wood	2.52	Cum	92065.35	232004.68
32	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	24.69	Sqm	2745.95	67797.51
33	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. Second Class kail wood	14.81	Sqm	2219.30	32867.83
34	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	5.00	Sqm	1768.05	8840.25
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. Second kail wood 35mm thick	15.84	Sqm	3338.05	52874.71
36	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.	49.44	Sqm	3307.80	163537.63
37	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.				0.00
38	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).	72.00	No	163.05	11739.60
39	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives New work (Two or more coats applied @ 1.43 litre/10 sqm. Over & including priming coat of exterior primer applied @ 0.90 litre/10 sqm				0.00
40	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				0.00

	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)				0.00
42	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	71.70	Cum	787.40	56456.58
43	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	146.40	Sqm	555.50	81325.20
44	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	391.44	Sqm	343.75	134557.50
45	12mm Cement plaster of mix: 1 : 4 (1 cement : 4 coarse sand)	519.20	Sqm	260.05	135017.96
46	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	456.54	Sqm	278.60	127192.04
47	Demolishing of RR Masonary in Cement including stacking of serveciabile material and disposal of unserveciabile material within 50 mtrs lead.	0.01	Cum	1583.05	15.83
48	Providing and laying S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes conforming to IS : 8329 150 mm dia Ductile Iron Class K - 7 Pipes including connected items viz nuts, bolts, rubber insertion etc and all carriages upto site of work.	200.00	RM	1700.00	340000.00
49	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia	5.00	Qtl	7408.95	37044.75
50	Providing and fixing 100mm dia DI Sluice Valve with ISI Mark Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete Confirming to IS:14846 read with latest amendments..	6.00	No	13164.00	78984.00
51	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. 10.5.1 Using M.S. angles 30x6mm for diagonal braces and central cross piece.	7.00	Sqm	4352.95	30470.65
52	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: 19.4.2.1 15 mm dia. nominal bore	36.00	Mtr	431.10	15519.60
53	Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work) 19.6.1 15 mm dia. nominal bore	36.00	Mtr	163.55	5887.80
54	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	6.00	Mtr	436.50	2619.00

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	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				0.00
56	Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K-9 conforming to IS : 8329 including cost of nuts, Bolts, Rubber Insertion Testing and commissioning all carriages by Mechanical Transport / Head Load upto Site of Work Complete.	200.00	RM	2500.00	500000.00
57	Providing and laying flanged C.I. standard specials such as tees, bends, collars, tapers, caps etc., suitable for flanged jointing as per IS : 1538 Up to 300 mm dia.	5.00	Qtls	7823.70	39118.50
58	Providing and fixing D.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately). 150 mm dia	6.00	No	4597.85	27587.10
59	Providing and fixing 100mm dia Sluice Valve with ISI Mark Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	13164.00	26328.00
60	Providing and fixing 80mm dia Sluice Valve with ISI Mark Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
61	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				0.00
62	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)	1152.00	Kg	198.70	228902.40
63	Providing and incorporating PGI sheet strips 0.80 mm thickness at construction joints and all carriages upto site of work complete job				0.00
64	Providing and fixing PVC pipe bends 80mm dia for air vents.	24.00	No	100.00	2400.00
65	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. 80x1.25 mm M.S. laths with 1.25 mm thick top cover	21.00	Sqm	3238.20	68002.20
66	Providing and fixing ball bearing for rolling shutters.	4.00	No	483.10	1932.40
67	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.				0.00

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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 steel windows by welding	207.00	Kg	161.25	33378.75
69	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 and Ladders)	400.00	Kg	146.63	58652.00
70	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)	3582.00	Kg	102.13	365829.66
71	Providing and incorporating P.G.I sheet strips during lying of concrete walls 0.80mm thick.	30.00	Sqm	800.00	24000.00
72	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.	331.50	Sqm	806.85	267470.78
73	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete First class Budloo wood.	0.98	Cum	#####	135911.69
74	Providing wood work in frames of trusses incl. ties, rafters, purlins and fixing with nails and joints using first class popular wood	6.92	Cum	30000.00	207600.00
75	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	304.16	Sqm	951.80	289499.49
76	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.	110.54	RM	691.35	76421.83
77	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/m2	28.40	RM	626.15	17782.66
78	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	62.80	RM	693.90	43576.92
79	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood	1.80	Cum	60102.80	108185.04
80	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
81	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	462.86	Sqm	172.40	79797.06
82	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	462.86	Sqm	149.05	68989.28
83	Dry random rubble masonry with hard stone in foundation and plinth: With bond stone.	37.34	Cum	2497.50	93256.65
84	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	246.22	Sqm	59.50	14650.09

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85	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	786.92	Sqm	121.95	95964.89
86	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	21.00	Sqm	52.75	1107.75
87	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	542.50	Sqm	125.60	68138.00
88	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	253.20	Sqm	59.35	15027.42
89	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	253.20	Sqm	91.80	23243.76
90	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	20.00	No	292.80	5856.00
91	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	40.00	No	80.35	3214.00
92	100 x 10mm	128.00	No	57.35	7340.80
93	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
94	100mm	136.00	No	52.30	7112.80
95	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm	10.20	Sqm	1249.30	12742.86
96	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles of approved quality with necessary screws etc. complete	8.00	No	1839.60	14716.80
97	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 colour such as White, Ivory, Grey, Fume Red Brown				0.00
98	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	114.80	Sqm	1161.05	133288.54

9	Flooring with marble stone of specified thickness as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement:4 coarse sand) laid and jointed with grey cement slurry including rubbing, polishing and curing complete with: Raj Nagar plain	21.00	Sqm	2171.10	45593.10
100	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-ALPE) 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	72.00	RM	321.15	23122.80
101	2025 (25mm OD) pipe				0.00
102	Providing and fixing PPR Unions PPR Union 20mm				0.00
103	PPR Union 25mm				0.00
104	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	40.00	RM	2760.40	110416.00
105	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.	4.00	No	5534.85	22139.40
106	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	4.00	No	4575.20	18300.80
107	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				0.00
108	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	12.00	No	583.25	6999.00
109	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg				0.00
110	Providing and fixing brass stop cock of approved quality. 15 mm nominal bore	8.00	No	318.85	2550.80
111	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	582.35	4658.80
112	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge	30.00	No	69.85	2095.50
113	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	100.00	Ltr	11.25	1125.00

114	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5				0.00
115	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth work and refilling. 100mm dia	18.00	RM	300.00	5400.00
116	75mm dia	12.00	RM	250.00	3000.00
117	Providing and fixing C.I manhole Cover 0.30 x 0.30m size	8.00	No	1500.00	12000.00
118	Providing and fixing PVC Door Fittings complete.				0.00
119	100mm floor trap	4.00	No	500.00	2000.00
120	100mm door junction	4.00	No	350.00	1400.00
121	100mm Collar	4.00	No	175.00	700.00
122	10mm Gasket	4.00	No	200.00	800.00
123	100mm bends	4.00	No	250.00	1000.00
124	80mm Door Junction	4.00	No	300.00	1200.00
125	80mm floor trap	4.00	No	250.00	1000.00
126	80mm bend	4.00	No	200.00	800.00
127	80mm Collar	4.00	No	150.00	600.00
128	Floor Grating	4.00	No	250.00	1000.00
129	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 complete	32.00	points	1200.00	38400.00
130	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 ncluding 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	14.00	points	2000.00	28000.00
131	P/Fitting / Commissioning of main switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	4.00	No	2500.00	10000.00
132	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .	32.00	No	500.00	16000.00
133	Supply and fixing of Hot Water Gyser 50 Ltr Capacityincluding all accessories testing and commissioning complete of Superior/ approved make.	4.00	No	16000.00	64000.00
134	Preparation of sub grade 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.				0.00
135	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm				0.00

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	53 mm to 22.4 mm				0.00
	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)				0.00
138	Supplying and stacking at site Good Earth				0.00
139	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :				0.00
140	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
141	Cement and Steel avg lead upto 10 kms	169.84	MT	249.65	42400.56
142	Sand 20 km's and 20mm crushed aggregate	704.44	Cum	402.29	283389.17
143	Crushed Aggregate 40mm nominal Size 20 Kms	37.84	Cum	437.30	16547.43
144	Bricks 110 Km's	35192.00	No	3.45	121412.40
145	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 300 mtrs including loading unloading and stacking complete.				0.00
146	Cement	100.55	MT	210.75	21190.91
147	Steel	14.57	MT	452.69	6595.69
148	Sand and 20mm Crushed agg	207.16	Cum	438.40	90818.94
149	40mm crushed aggregate	1.52	Cum	473.94	720.39
	Total				13111627.67
	Add Contractors Tender Appreciation @ 4% on All items				524465.11
	G. Total				13636092.77

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara