

OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/S : Javid Ahmad Shah
S/o : Shamus Din Shah
R/o : Owera
Regd No : SE (R&B) SB-A-2528 OF 2019-20
GST No. : 01QGYPS6939A1ZN
Cell No. : 7006496211
No: - PHE/Hand/ 2314-19

Date: 03/10/2023



Adv. Cost : - Rs 136.00 Lacs

Allotted Cost:-Rs.14051394.98/-

(One Crore Forty Lakh Fifty One Thousand Three Hundred Ninety Four and Ninety Eight Paise Only)

Time of Completion 180 days

Sub : Construction including Successful Testing and Commissioning of Sedimentation Tank, chain link fencing, intake chamber, 1.00 Lac gallon SR, intake channel, 3 No. sluice chamber and Chowkidar Qtr for (WSS Ashpora under JJM)

Ref:- Your tender in response to this office E-NIT No. 13 of 2022-23 of 07-2023 of S.No.08 issued under this Office No.PHE/Hand/CC/1120-23 Dated 06-07-2023

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/JJM/3556-70 dated. 05-08-2023

3. Accord No.CE/PHE/DB/JJM/259 of 09/2022 dtd 07-09-2022

4. Technical Sanction Order No.CE/PHE/DB/647 of 09/2022 dtd 17-09-2022

5. Letter of Intent No. PHE/Hand/1720-23 Dtd. 22-08-2022

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:

| SLNo | Description of Work Item(s) | Qty | Unit | Alloted Rate in Rs | Amount in Rs |
|------|---|--------|------|--------------------|--------------|
| 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 | 181.59 | Cum | 436.00 | 79173.24 |
| 2 | :-Ordinary Rock | 5.55 | Cum | 841.60 | 4670.88 |
| 3 | 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 |
| 4 | 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 : | 136.40 | Cum | 539.35 | 73567.34 |
| 5 | 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 | 865.22 | Cum | 188.75 | 163310.28 |
| 6 | Ordinary Rock | 0.01 | Cum | 378.35 | 3.78 |
| 7 | 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: All kinds of soil : | 0.01 | Cum | 252.05 | 2.52 |
| 8 | Ordinary Rock | 0.01 | Cum | 470.00 | 4.70 |
| 9 | 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 | 101.19 | Cum | 81.65 | 8262.16 |

Checked by HD

T.O

XEN



| | | | | | |
|----|--|--------|-----|----------|------------|
| 10 | Ordinary Rock | 0.01 | Cum | 146.45 | 1.46 |
| 11 | Addl 2 lift All kinds of Soil | 0.01 | Cum | 163.30 | 1.63 |
| 12 | Ordinary Rock | 0.01 | Cum | 292.90 | 2.93 |
| 13 | Addl 3 lift All kinds of Soil | 0.01 | Cum | 163.30 | 1.63 |
| 14 | Ordinary Rock | 0.01 | Cum | 292.90 | 2.93 |
| 15 | Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like. | 0.01 | KL | 155.55 | 1.56 |
| 16 | Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete. | 152.84 | Cum | 1320.00 | 201748.80 |
| 17 | Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size) | 89.44 | Cum | 4861.84 | 434842.97 |
| 18 | Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size) | 97.00 | Cum | 5399.02 | 523704.94 |
| 19 | Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size) | 49.41 | Cum | 6465.20 | 319445.53 |
| 20 | Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size) | 8.17 | Cum | 6978.68 | 57015.82 |
| 21 | Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size) | 143.07 | Cum | 7801.00 | 1116089.07 |
| 22 | Reinforced cement concrete work in walls (any thickness) including attached pillars, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement. 1:1.5:3 mix. | 151.69 | Cum | 9408.14 | 1427120.76 |
| 23 | Reinforced cement concrete work in Suspended floors, roofs having slope upto 15°, beams etc upto floor five level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size) | 17.80 | Cum | 9849.35 | 175318.43 |
| 24 | Reinforced cement concrete work in arches, archribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size) | 17.50 | Cum | 10404.50 | 182078.75 |
| 25 | 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) | 17.76 | Cum | 6802.13 | 120805.83 |
| 26 | Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level | 17.76 | Cum | 1456.02 | 25858.92 |

Checked by HD

T.O

KEN



| | | | | | |
|----|---|----------|-----|----------|------------|
| 27 | 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 | 10.49 | Sqm | 2171.10 | 22774.84 |
| 28 | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level | 37000.00 | Kg | 87.18 | 3225660.00 |
| 29 | Providing and incorporating P.G.I sheet strips during lying of concrete walls 0.80mm Thick | 65.00 | Sqm | 800.00 | 52000.00 |
| 30 | 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) | 1801.00 | Kg | 57.90 | 104277.90 |
| 31 | Providing and fixing of 200mm dia MS Flanged bend /tail pieces, specials etc of size 0.90 - 1.50mtr as per the direction of Er. Incg. Complete job | 0.01 | Job | 5500.00 | 55.00 |
| 32 | 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 |
| 33 | Excluding Cost of Stones | 0.01 | Cum | 3919.05 | 39.19 |
| 34 | Dry random rubble masonry with hard stone in foundation and plinth: With bond stone. | 18.67 | Sqm | 2497.50 | 46628.33 |
| 35 | Centering and shuttering including strutting, propping etc. and removal of form for: Foundations | 357.43 | Sqm | 262.30 | 93753.89 |
| 36 | Walls | 1373.57 | Sqm | 573.85 | 788223.14 |
| 37 | Beams | 58.80 | Sqm | 502.85 | 29567.58 |
| 38 | Suspended Floors | 104.28 | Sqm | 635.60 | 66280.37 |
| 39 | Columns | 10.80 | Sqm | 680.15 | 7345.62 |
| 40 | Domes exceeding 6 Mtr Span | 175.52 | Sqm | 3095.25 | 543278.28 |
| 41 | Edges of slabs and breaks in floors upto 200mm thick. | 28.20 | Sqm | 242.30 | 6832.86 |
| 42 | Extra for Centering and shuttering in Circular Foundations | 21.74 | Sqm | 52.46 | 1140.48 |
| 43 | Walls | 294.02 | Sqm | 114.77 | 33744.68 |
| 44 | Beams (Ring Beam of SR) | 40.80 | Sqm | 100.57 | 4103.26 |
| 45 | Providing and fixing of doors window CSW frames made of KD timber well seasoned free from defects knots wrottn and fixing in position with hold fast lugs etc the frames shall be delivered at site the rates quoted shall be inclusive of all carriage lead lift and taxes | 0.96 | Cum | 49000.00 | 47040.00 |
| 46 | 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 | 0.01 | Cum | 92065.35 | 920.65 |
| 47 | Providing of wood work in frames of tresses incl. ties rafters purlins and fixing with nails and joints using First class Popular wood | 3.46 | Cum | 30000.00 | 103800.00 |

Checked by HD

T.O

XEN

| | | | | | |
|----|--|---------|-----|----------|-----------|
| 48 | 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 | 6.64 | Sqm | 2745.95 | 18233.11 |
| 49 | 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 Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type | 4.00 | Sqm | 2360.95 | 9443.80 |
| 50 | Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm) | 1.20 | Sqm | 1768.05 | 2121.66 |
| 51 | 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. | 9.92 | Sqm | 3338.05 | 33113.46 |
| 52 | 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 | 11.43 | Sqm | 3307.48 | 37804.50 |
| 53 | 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). | 68.00 | No | 163.05 | 11087.40 |
| 54 | Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete | 10.00 | Cum | 787.40 | 7874.00 |
| 55 | 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 |
| 56 | 12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement | 845.21 | Sqm | 343.75 | 290540.94 |
| 57 | 12 mm thick Cement plaster 1 : 4 (1 cement : 4 coarse sand) | 1050.42 | Sqm | 260.05 | 273161.72 |
| 58 | Providing and fixing 150mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete. | 2.00 | No | 20243.00 | 40486.00 |
| 59 | Providing and fixing 125mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete. | 2.00 | No | 15980.00 | 31960.00 |
| 60 | Providing and fixing 100mm dia Sluice Value with with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete. | 3.00 | No | 13164.00 | 39492.00 |
| 61 | Providing and fixing 80mm dia Sluice Value with with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete. | 3.00 | No | 10815.00 | 32445.00 |
| 62 | 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 | 251.27 | Cum | 198.70 | 49927.35 |

Checked by HD

T.O

XEN



| | | | | | |
|----|---|---------|-----|-----------|-----------|
| 63 | Providing and fixing PVC pipe bends 80mm dia for air vents. | 10.00 | No | 150.00 | 1500.00 |
| 64 | Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia | 1.50 | qtl | 7408.95 | 11113.43 |
| 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-I and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover | 0.01 | Sqm | 3238.20 | 32.38 |
| 66 | Providing and fixing ball bearing for rolling shutters. | 0.01 | No | 483.10 | 4.83 |
| 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. | 0.01 | Kg | 91.03 | 0.91 |
| 68 | 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. | 1480.00 | Kg | 146.63 | 217012.40 |
| 69 | Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes | 370.00 | Kg | 146.63 | 54253.10 |
| 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. (Riveted and bolted) | 7214.00 | Kg | 105.76 | 762952.64 |
| 71 | 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) | 0.01 | Kg | 102.13 | 1.02 |
| 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. | 573.00 | Sqm | 806.85 | 462325.05 |
| 73 | 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 | 8.40 | Sqm | 4788.25 | 40221.30 |
| 74 | Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete First class Budloo wood. | 0.01 | Cum | 138685.40 | 1386.85 |

Checked by HD

T.O

REV



| | | | | | |
|-----|---|--------|--------|----------|----------|
| 104 | Providing and Fixing C.P. Brass long nose bibcock 15 mm nominal bore | 4.00 | No | 430.00 | 1720.00 |
| 105 | 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 | 3.00 | No | 536.10 | 1608.30 |
| 106 | Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-in-charge | 5.00 | No | 62.30 | 311.50 |
| 107 | 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 | Ltr | 11.25 | 5625.00 |
| 108 | Providing and fixing of GI pipes complete with GI fitting and clamps incl. cutting and making good the walls etc nominal bore 15mm | 18.00 | Mtr | 431.10 | 7759.80 |
| 109 | Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work) mm dia. nominal bore | 18.00 | Mtr | 163.55 | 2943.90 |
| 110 | Providing and fixing C.I manhole Cover 0.45 x 0.45m size | 2.00 | No | 1750.00 | 3500.00 |
| 111 | Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth cork and refilling. 100mm dia | 9.00 | RM | 1750.00 | 15750.00 |
| 112 | 75mm dia | 6.00 | RM | 1750.00 | 10500.00 |
| 113 | Providing and fixing PVC Door Fittings complete. | | | | 0.00 |
| 114 | 100mm floor trap | 2.00 | No | 500.00 | 1000.00 |
| 115 | 100mm door junction | 3.00 | No | 350.00 | 1050.00 |
| 116 | 100mm Collar | 3.00 | No | 175.00 | 525.00 |
| 117 | 10mm Gasket | 2.00 | No | 200.00 | 400.00 |
| 118 | 100mm bends | 2.00 | No | 250.00 | 500.00 |
| 119 | 80mm Door Junction | 3.00 | No | 300.00 | 900.00 |
| 120 | 80mm floor trap | 2.00 | No | 250.00 | 500.00 |
| 121 | 80mm bend | 2.00 | No | 200.00 | 400.00 |
| 122 | 80mm Collar | 3.00 | No | 150.00 | 450.00 |
| 123 | Floor Grating | 2.00 | No | 250.00 | 500.00 |
| 124 | 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 | 9.00 | points | 1200.00 | 10800.00 |
| 125 | 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 | 3.00 | points | 2000.00 | 6000.00 |
| 126 | P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24") | 1.00 | No | 2500.00 | 2500.00 |
| 127 | Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz . | 9.00 | No | 300.00 | 2700.00 |
| 128 | Supply and fixing of Hot Water Geyser 50 Ltr Capacity including all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge. | 1.00 | No | 16000.00 | 16000.00 |

Checked by HD

T.O

XEN



| | | | | | |
|----|---|--------|-----|---------|----------|
| 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 | 89.59 | Sqm | 1046.98 | 93798.94 |
| 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. | 48.17 | RM | 760.49 | 36632.80 |
| 77 | Providing and fixing of 0.5mm color GS sheets sofit boarding incl supports etc complete job | 20.00 | Sqm | 900.00 | 18000.00 |
| 78 | Providing and fixing plained caves boarding. 2nd class kail wood 250x32 mm (nominal size) | 70.00 | RM | 693.90 | 48573.00 |
| 79 | 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 | 112.11 | Sqm | 172.40 | 19327.76 |
| 80 | 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 | 112.11 | Sqm | 149.05 | 16710.00 |
| 81 | Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc complete 13.60.1 On steel work | 0.01 | Sqm | 188.80 | 1.89 |
| 82 | Providing fabricating and fixing sign board on PGI Sheet with angle iron frame/ Legs incl. Painting /writing etc including fixing over entrance gates , cost of fixing at SR site/ Filt Plant site as per direction of Engineer in Charge complete job. | 5.00 | Sqm | 3000.00 | 15000.00 |
| 83 | Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface. | 66.63 | Sqm | 59.35 | 3954.49 |
| 84 | Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood) | 36.75 | Sqm | 59.50 | 2186.63 |
| 85 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shadeTwo or more coats on new work. | 447.37 | Sqm | 121.95 | 54556.77 |
| 86 | Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works | 0.01 | Sqm | 52.75 | 0.53 |
| 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 | 0.01 | Sqm | 125.60 | 1.26 |
| 88 | Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm) | 66.63 | Sqm | 91.80 | 6116.63 |
| 89 | 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 | 4.00 | No | 292.80 | 1171.20 |

Checked by HD

T.O

XEN



| | | | | | |
|-----|---|--------|-----|---------|----------|
| 90 | Providing and fixing aluminium haging floor single rubber door stopper (Anodic coating not less than grade AC 10 as per IS 1868 | 4.00 | No | 54.60 | 218.40 |
| 91 | Providing and fixing aluminum tower bolts ISI marked anodized (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyed torequired colour or shade with necessary screws etc. complete : 200 x 10mm | 8.00 | No | 89.20 | 713.60 |
| 92 | 100 x 10mm | 72.00 | No | 57.35 | 4129.20 |
| 93 | 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 | 179.90 | 18619.65 |
| 94 | 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. | 2.00 | No | 1839.60 | 3679.20 |
| 95 | 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 | 8.00 | No | 66.35 | 530.80 |
| 96 | 100mm | 36.00 | No | 52.30 | 1882.80 |
| 97 | 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 |
| 98 | 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 (Hnadle lever) confirming 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. | 1.00 | No | 5534.85 | 5534.85 |
| 99 | 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 |
| 100 | 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 | 1.00 | No | 131.15 | 131.15 |
| 101 | Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931 | 3.00 | No | 436.50 | 1309.50 |
| 102 | Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make wheighing not less than 1.97 Kg | 0.01 | No | 2702.00 | 27.02 |
| 103 | Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931 | 2.00 | No | 657.30 | 1314.60 |

Checked by HD

T.O

XEN



| | | | | | |
|-----|--|---------|-----|---------|--------------------|
| | | | | | 0.00 |
| 129 | Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete. | | | | |
| | | 269.64 | MT | 357.64 | 96434.05 |
| 130 | Cement and Steel 20 Km's | 289.18 | Cum | 402.29 | 116334.22 |
| 131 | Sand avg lead to 20 km's | 416.05 | Cum | 402.29 | 167372.75 |
| 132 | Crushed Aggregate 20mm nominal Size 20 Kms | 88.07 | Cum | 437.30 | 38513.01 |
| 133 | Crushed Aggregate 40mm nominal Size 20 Kms | 18.67 | Cum | 473.25 | 8835.58 |
| 134 | Stone soling upto 8 kms | 8436.00 | No | 3.45 | 29104.20 |
| 135 | Bricks from Bugam 110 kms | | | | 0.00 |
| 136 | Carriage of materials from road site upto actual site of work by manual means (Head Load) including loading unloading and stacking complete. | | | | |
| | | 76.79 | MT | 175.08 | 13444.39 |
| 137 | Cement 200 Mtrs | 0.01 | MT | 460.46 | 4.60 |
| 138 | Cement avg 1000 Mtrs | 19.99 | MT | 376.05 | 7517.24 |
| 139 | Steel avg 200 Mtrs | 12.10 | MT | 989.14 | 11968.59 |
| 140 | Steel avg 1000 Mtrs | 250.20 | Cum | 347.00 | 86819.40 |
| 141 | Sand and 20mm Crushed agg avg 200 Mtrs | 0.01 | Cum | 1078.22 | 10.78 |
| 142 | Sand and 20mm Crushed agg avg 1000 Mtrs | 39.35 | Cum | 375.13 | 14761.37 |
| 143 | 40mm Crushed Aggregate 200 Mtrs | | | | 13602512.08 |
| | Total | | | | 448882.90 |
| | Appreciation on all above items of Work @ (3.30%) | | | | 14051394.98 |
| | G Total | | | | |


Head Draftsman


Technical Officer


Executive Engineer
PHE Jal Shakti Division Handwara

Copy to the:-

1. Distt. Superintending Engineer Hydraulic circle Kupwara H/Q Handwara for information.
2. Assistant Executive Engineer PHE Sub-Division Ramhall/Handwara for information. He is directed to start the work immediately and shall be completed within stipulated time.
3. M.File