

# **OFFICE OF THE EXECUTIVE ENGINEER PHE DIVISION**

## **BARAMULLA**

Email: kmrpheb1a@gmail.com (FAX) 01952234575 (Tel) 01952234244

**Allotment Order No. 46 of 2023**

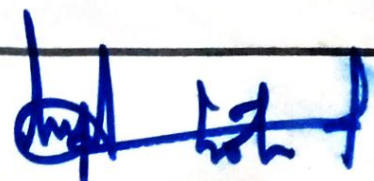
**Dated: 21-07-2023**

Name of the agency/ contractor	<b>Mubashir Shabir Wani</b>
Address	<b>Bemina Srinagar</b>
Registration No.	<b>927/AYY (CIVIL SANITARY) CE/ KCC/ PDC/ 2009-10</b>
Contact/ Email	7006969095 (Mubashirwani1@gmail.com)
Name of work	<b>Construction of 0.20/0.30 lac Gallons capacity Clear Water Sump Cum Pump House at Chatloora/ Tankeypora Behrampora and Raw Water Sump cum Pump House and intake channel for WSS Behrampora under JJM.</b>
References	<b>This office ENIT 07 of 04/2023 (S. No. 01)</b>
Accord of administrative approval No. & date	<b>CE/PHE/DB/JJM/256 of 09/2022 Dt: 05-09-2022</b>
Advertised Cost	<b>Rs. 83.52 lacs</b>
Time of completion	<b>90 days</b>

**For and on behalf of Lt. Governor of Jammu and Kashmir Union Territory, the above noted work is hereby allotted to you on quoted rates given in the Annexure "A" to this allotment, on the terms and conditions given here under :**

### **Conditions:**

01. Time of completion is essence of the contract.
02. **The work shall be executed only after vetting of Drawing & Design by the Ex. Engineer/ Competent authority.**
03. The work shall have to be started by you at site immediately & ensure its successful completion within a period of **90** days from the date of issuance of allotment from this office strictly in accordance with the approved proposals failing which the work shall have to be got executed through any other means at your risk and cost, besides CDR deposited by you as security against this contract shall be forfeited.
04. An agreement shall have to be drawn up by you with the department within a period of 07 days from the date of issuance of allotment failure to execute such a formal deed shall not however prevent the contract from being enforced upon you.
05. The allotted works shall be subject to Check by the third party monitoring agency appointed by the Department.
06. Payment shall be released as per actual / measured work done not less than 20% of the allotted cost on a monthly basis.
07. Performance security equivalent to 03% of the value of the contract shall have to be deposited by you in shape of CDR/FDR/Bank Guarantee within one week of issuance of allotment order & Valid for a period of 03 months beyond the expiry of warranty period of the contract.
08. The firm shall be bound for satisfactory performance of works for 18 months after the successful commissioning of the works. If during warranty period any malfunctioning / defects arise, you shall have to rectify the same within a period of 10 days of receipt of



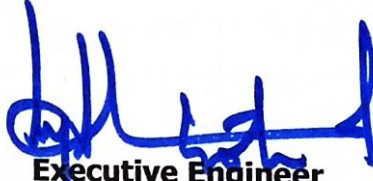


intimation. In case of any failure on your part, the department may get the defects removed / repaired by any other means and cost thereof shall be recovered from you and shall be recommended for further punitive action as governed under the relevant clause of the contract including black listing.

09. After testing and commissioning of works you shall have to make a trial run of the works for a period of 03 months during which you have to operate and maintain the executed works to the full satisfaction of the department.
10. The defective liability period shall be for a period of 12 months and shall commence after the successful completion of trial run.
11. Pre & post Geo-tagged photographic evidence be taken during the execution of the work and shall have to be produced at the time of submission of the bill.
12. Date of start of the work within 07 days from the date of issue of this letter. However date of start for laying and fitting of pipes will start within 02 days of issuance of pipe material by the department.
13. All other terms and conditions shall be applicable as laid down in Standard bid Document & PWD form No. 25/33.
14. Any rules/ terms and conditions if no stipulated in the bidding document, shall be strictly dealt in accordance with the relevant rules/ guidelines stipulated in General Financial Rules (GFR-2017 and manual for procurement of works 2019 G.O.I).

**(Encl: Annexure "A")**

No. 4019-34  
Dt. 22-07-2023

  
**Executive Engineer**  
**Jal Shakti Department**  
**PHE Division Baramulla**

**Copy to the :-**

01. Mission Director, Mission Directorate Jal Jeevan Mission J&K Civil Secretariat Srianagar/ Jammu for information.
02. Chief Engineer Kashmir PHE Department Srinagar for favour of information.
03. District Development Commissioner Baramulla (Chairperson DJJM) for favour information.
04. Distt. Superintending Engineer Hydraulic Circle Bla/Bpr HQ Sopore (Member Secretary DJJM) for information.  
This is with reference to his authorization No: SE/Hyd/DB/3027-40 dated: 05-06.2023.
05. Additional District Development Commissioner Baramulla (Member DJJM) for information.
06. Assistant Commissioner Development Baramulla (Member DJJM) for information.
07. Divisional Forest Officer Baramulla (Member DJJM) for information.
08. Chief Planning Officer Baramulla (Member DJJM) for information.
09. Chief Medical Officer Baramulla (Member DJJM) for information.
10. District Social Welfare Officer Baramulla/ District Tribal Welfare Officer Baramulla (Member DJJM) for information.
11. District Information Officer Baramulla (Member DJJM) for information.
12. Project Management DPMU Baramulla for information.
13. Assistant Ex. Engineer PHE Sub Division Watergam for information.
14. M/s WAPCOS Ltd Corporate Office 76-C Institutional sector 18 Gurgaon for information.
15. Head Draftsman for information.
16. File Concerned.



## Annexure "A"

## e of work:

struction of 0.20/ 0.30 Lac Gallons capacity Clear Water Sump Cum Pump House at Chatloora/ Tankeypora Behrampora and Water Sump cum Pump House & intake channel for WSS Behrampora under JJM

Sr No	Description of Work / Item(s)	No. of Qty	Units	Rate	Allotted Rate @ +4%
1	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	1.000	KL	155.550	161.772
2	Providing, placing earth filled bags incl excavating earth from borrow pits, filling of bags, sewing, stitching, stacking and placing in position as per the directions of Engineer Incharge incl all sorts of carriage complete job. The job includes demolishing of same after successful commissioning of the job	1.0000	bag	25.000	26.000
3	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 m <sup>2</sup> 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 :	1.000	Cum	188.750	196.300
4	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material : All kinds of soil :	1.000	cum	81.650	84.916
5	Extra rates for quantities of works executed: In or under water and/ or liquid mud, including pumping out water as required.	1.000	m depth	37.750	39.260
6	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m <sup>2</sup> 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 :	1.000	Cum	539.350	560.924
7	<b>Close timbering in case of shafts, wells, cesspits, manholes and the like including strutting, shoring and packing cavities (wherever required) etc. complete. (Measurements to be taken of the face area timbered).</b>				0.000
7.1	Depth not exceeding 1.5 m.	1.000	Sqm	244.050	253.812
7.2	Depth exceeding 1.5 m but not exceeding 3 m	1.000	Sqm	266.650	277.316
7.3	Depth exceeding 3 m but not exceeding 4.50 m	1.000	Sqm	290.500	302.120
8	Close timbering in trenches including strutting, shoring and packing cavities (wherever required) complete. (Measurements to be taken of the face area timbered). Depth exceeding 1.5 m but not exceeding 3 m	1.000	sqm	247.750	257.660
9	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	1.000	cum	1320.000	1372.800
10	Dry random rubble masonry with hard stone in foundation and plinth: With bond stone (Using Quarry)	1.000	cum	2497.500	2597.400
11	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)	1.000	cum	4435.250	4612.660
12	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 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	1.000	cum	4861.835	5056.308
13	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	1.000	cum	7800.760	8112.790

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*[Handwritten signatures and initials]*



	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	1.000	cum	9408.135	9784.460
15	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. Note: - Cement in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is content considered payable or recoverable separately. All works upto plinth level	1.000	Cum	7911.255	8227.705
16	Extra for providing richer mixes at all floor levels. Note:- Excess/ less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum)	1.000	Cum	101.700	105.768
17	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. Note: - Cement in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is content considered payable or recoverable separately. All works above plinth level upto floor V level	1.000	Cum	9302.975	9675.094
18	Extra for providing richer mixes at all floor levels. Note:- Excess/ less cement over the specified cement content used is payable/ recoverable separately. Providing M-35 grade concrete instead of M-25 grade BMC/RMC. (Note : Cement content considered in M-35 is @ 350 kg/cum).	1.000	Cum	203.350	211.484
19	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	1.000	cum	9849.345	10243.319
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)	1.000	Cum	10404.515	10820.696
21	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)	1.000	Cum	6465.195	6723.803

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	Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				0.000
22.1	In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete.	1.0000	Kg	114.675	119.262
23	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level Thermo-Mechanically Treated bars of grade Fe-500D or more.	1.000	Kg	87.175	90.662
24	Structural steel work in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.				0.000
24.1	Welded	1.000	Kg	102.135	106.220
25	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.	1.000	Kg	120.000	124.800
26	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.	1.000	m depth	25000.000	26000.000
27	Centering and shuttering including strutting, propping etc. and removal of form for:				0.000
27.1	Foundations, footings, bases of columns etc. for mass concrete.	1.000	sqm	262.300	272.792
27.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	1.000	sqm	573.850	596.804
27.3	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	1.000	sqm	502.850	522.964
27.4	Suspended floors, roofs, landings, balconies and access platforms.	1.000	sqm	635.600	661.024
27.5	Columns, pillars, piers, abutments, posts and struts.	1.000	sqm	680.150	707.356
27.6	Arches, domes, vaults upto 6 m span	1.000	Sqm	2086.800	2170.272
28	Extra for shuttering in circular work:				0.000
28.1	Foundations, footings, bases of columns etc.	1.000	sqm	52.460	54.558
28.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	1.000	sqm	114.770	119.361
28.3	Suspended Floors	1.000	sqm	127.120	132.205
28.4	Lintel beams etc.,	1.000	sqm	100.570	104.593
28.5	Columns, pillars, piers, abutments, posts and struts.	1.000	sqm	136.030	141.471
28.6	arches, domes, vaults exceeding 6 m span	1.000	Sqm	1008.450	1048.788
29	Providing and fixing ISI marked aluminum butt hinges ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete				0.000
29.1	100x63x3.2 mm	1.000	No	101.650	105.716
29.2	75x63x3.2 mm	1.000	No	74.250	77.220
30	Providing and fixing ISI marked oxidized M.S. pressed parliamentary hinges with necessary screws etc. complete:				0.000
30.1	150x125x27x2.80 mm	1.0000	No	73.200	76.128
30.2	100x125x27x2.80 mm	1.000	No	64.000	66.560
31	Providing and fixing ISI marked oxidized M.S. sliding door bolts with nuts and screws etc. complete : 300x16 mm	1.000	No	216.750	225.420
32	Providing and fixing window fasteners with necessary screws etc. complete	1.000	No	80.000	83.200

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	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)	1.000	Cum	6802.125	7074.210
34	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	1.000	Cum	1323.650	1376.596
35	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in : Cement mortar 1:4 ( 1 cement : 4 coarse sand)	1.000	cum	7151.320	7437.373
36	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	1.000	sqm	3238.200	3367.728
37	Providing and fixing ball bearing for rolling shutter	1.000	No	483.100	502.424
38	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)	1.000	kg	57.900	60.216
39	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	1.000	sqm	149.050	155.012
40	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	1.000	sqm	59.500	61.880
41	Finishing with Deluxe multi surface paint system for interiors and exteriors using primer as per manufacturers' specifications: Two or more coats applied @ 1.25 liter/10sqm over and including one coat of special primer applied @ 0.75liter /10sqm	1.000	sqm	137.450	142.948
42	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade (two or more coats on new work).	1.000	sqm	121.950	126.828
43	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): KD/ Silver wood	1.000	cum	55000.000	57200.000
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. KD/ Silver wood	1.000	sqm	2500.000	2600.000
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 : KD/ Silver wood	1.000	sqm	2500.000	2600.000
46	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete Popular wood	1.000	Cum	35000.000	36400.000
47	Providing and fixing panelled or panelled and glazed shutters for doors , windows and clerestory windows including ISI marked M.S pressed Butt hinges bright finished of required size with necessary screws 35mm thick silver wood/K.D	1.000	sqm	2500.000	2600.000

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	Providing and fixing aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixed with dash fastener of required dia. and size including necessary filling up of gaps at junctions i.e, at top, bottom and sides with required EPDM rubber / neoprene gasket felt etc. Aluminum sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminum snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-Charge (glazing, panelling and dash fasteners to be paid for separately.) <b>For fixed portion</b>				0.000
48.1	Anodized aluminum (Anodized transparent or dyed to required shade according to IS:1868, minimum anodic coating of grade AC 15)	1.000	Kg	417.550	434.252
48.2	For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately.) Anodized aluminum (Anodized transparent or dyed to required shade according to IS:1868, minimum anodic coating of grade AC 15)	1.000	Kg	502.400	522.496
49	Providing and fixing 12mm thick prelaminated particle board flatpressed three layer or graded wood particle board (conforming to IS: 12823 Grade-I type-II) in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in- charge. Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side.	1.000	Sqm	1114.600	1159.184
50	Providing and fixing glazing in aluminum door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer- in-charge. (Cost of aluminum snap beading shall be paid in basic item). With floating glass panes of 4.0 mm thickness (weight not less than 10.00 kg / sqm)	1.000	Sqm	974.700	1013.688
51	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 4 ( 1 cement : 4 fine sand)	1.000	sqm	300.450	312.468
52	12mm Cement plaster finished with a floating coat of neat cement of mix: 1 : 4 ( 1 cement : 4 fine sand)	1.000	sqm	325.450	338.468
53	12mm Cement plaster finished with a floating coat of neat cement of mix: 1 : 3 ( 1 cement : 3 fine sand)	1.000	sqm	343.750	357.500
54	Providing of PVC pipes for deep holes for seepage extend through the full width of stone masonry (PVC 150mm) of standard quality.	1.000	Mtr	150.000	156.000
55	Providing and carrying out wiring for heating points with 4.0 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, modular combined S&S 16Amp along with modular plate, suitable GI box and earthing the point with 2 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. (excl cost of conduit)	1.000	Point	1300.000	1352.000

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	Providing and carrying out wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2-way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. (excl cost of conduit)	1.000	Point	1057.000	1099.280
57	Providing & fixing of 32-Amp MCB of Indocap complete.	1.000	No	1500.000	1560.000
58	Providing and laying of armoured cable 95mm, 3.5 core for main service line of reputed make in P.V.C pipes of required dia to accommodate the service line including bends etc., from main transformer to the main panel board including copper thimbles, earth work excavation and filling for laying of cable complete.	1.000	Mtr	325.000	338.000
59	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. 0.50 mm thick with zinc coating not less than 275 gram/m2	1.000	sqm	830.250	863.460
60	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete. 0.50 mm thick with zinc coating not less than 275 gram/m2	1.000	Mtr	626.700	651.768
61	Providing and fixing of 0.5mm color GS sheet soffit boarding including backing, supports etc., complete	1.0000	Mtr	600.000	624.000
62	P/F of G.S plain coloured eves boarding of 250 mm wide of standard thickness incl all carraiges upto site of work ( 0.50mm thick )	1.000	Mtr	400.000	416.000
63	Providing and incorporating during concreting G.P strip water seal 0.63 mm nominal thick at construction joint as per proper specification and instruction of Engineer Incharge complete job.	1.000	sqm	450.000	468.000
64	Providing/ Fixing, installation, successful commissioning of double flanged MS pipes/specials to be fabricated from MS tube heavy quality nominal thickness 6mm, conforming to relevant Indian Standard IS-1239 and/or IS 1161 read with up to date amendments. The pipe material should be of standard quality and must withstand all the anticipated design pressure ratings. The work should be leakproof and should be painted with anti corrosive red oxide primer. Complete Job.	1.000	Kg	147.000	152.880
65	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.	1.000	sqm	555.500	577.720
66	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	1.000	sqm	91.800	95.472
67	Applying priming coat: With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	1.000	sqm	52.750	54.860
68	<b>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). Confirming to IS:14846 read with latest amendments.</b>				0.000
68.1	200 mm dia. Class 1	1.000	No	31698.000	32965.920
68.2	150 mm dia. Class 1	1.000	No	20243.000	21052.720
69	Providing/ fixing 200/ 150mm dia M.S pipe having thickness 6mm including all carraige complete as per direction of Engineer Incharge	1.000	Kg	180.000	187.200



	Providing and laying Ceramic glazed tiles 300x300 mm (thickness to be specified by the manufacturers) of 1st quality conforming to IS: 15622 of approved make, laid on 20 mm thick bed of cement mortar 1: 4 ( 1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete. In all colours, shades, except White, Ivory, Fume Red Brown	1.000	Sqm	1115.800	1160.432
71	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.: 15 mm dia. nominal bore	1.000	Mtr	300.400	312.416
72	<b>P/F of PVC pipes of approved quality 3.00 mt length incl. earth work cutting and refilling.</b>				0.000
72.1	100 mm dia	1.000	No	750.000	780.000
72.2	80 mm dia.	1.000	No	700.000	728.000
73	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge. Long pattern W.C Pan of size 580x440 mm	1.000	No	2979.400	3098.576
74	P/f of stainless steal kitchen sink with accessories with drain board (610x510x200 mm siaze)	1.000	No	3000.000	3120.000
75	P/F of C.P brass angle valve of approves make 15 mm nominal bore	1.000	No	394.900	410.696
76	<b>P/F of C.P brass bib cock of approves make 15 mm nominal bore</b>				0.000
76.1	Long nose	1.000	No	4355.000	4529.200
76.2	Short nose	1.000	No	406.500	422.760
77	<b>P/F of ball valve brass of approved make</b>				0.000
77.1	20 mm dia	1.000	No	398.450	414.388
77.2	15 mm dia	1.000	No	305.900	318.136
78	<b>Providing/ L/ F of pipes (service line)</b>				0.000
78.1	20 mm dia G.I pipes	1.000	Mtr	120.000	124.800
78.2	P/F of pvc water storage tank placing on terrace (star, sintex, lotus etc.,)	1.000	Litre	10.000	10.400
79	<b>P/F of various PVC fittings:</b>				0.000
79.01	100 mm dia T junction	1.000	No	450.000	468.000
79.02	100 mm dia Bend	1.000	No	300.000	312.000
79.03	100mm dia Collar	1.000	No	150.000	156.000
79.04	100mm dia Gasket	1.000	No	10.000	10.400
79.05	80 mm dia door junction	1.000	No	425.000	442.000
79.06	80 mm floor trap	1.000	No	250.000	260.000
79.07	80 mm bend	1.000	No	250.000	260.000
79.08	80 mm collar	1.000	No	150.000	156.000
79.09	80 mm gasket	1.000	No	10.000	10.400
79.1	Floor pvc grafting	1.000	No	250.000	260.000
80	P/F of pvc waste pipe for sink flexible 32 mm dia	1.000	No	72.530	75.431
81	<b>P/F of pvc main hole cover with frame :</b>				0.000
81.1	45x45 cm	1.000	No	600.000	624.000
81.2	30x30 cm	1.000	No	500.000	520.000
82	Hiring charges of boat for carrying of various key constt. materials including boat man	1.000	day	3000.000	3120.000
83	<b>Carriage of materials by mechanical transport including loading, unloading, stacking of materials - SAND:</b>				0.000
83.1	3 km	1.000	Cum	172.592	179.496
83.2	4 km	1.000	Cum	189.750	197.340
83.3	5 Km	1.000	Cum	206.276	214.527
83.4	Beyond 5 km upto 10 km per km	1.000	Cum	14.916	15.513
83.5	Beyond 10 km upto 20 km per km	1.000	Cum	12.144	12.630
83.6	Beyond 20 km per additional km	1.000	Cum	9.936	10.333
84	<b>Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm :</b>				0.000

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 Key
   
 P. J.



1	3 km	1.000 ✓	Cum ✓	172.592 ✓	179.496
2	4 km	1.000 ✓	Cum ✓	189.750 ✓	197.340
3	5 km	1.000 ✓	Cum ✓	206.276 ✓	214.527
4.4	Beyond 5 km upto 10 km per km	1.000 ✓	Cum ✓	14.916 ✓	15.513
4.5	Beyond 10 km upto 20 km per km	1.000 ✓	Cum ✓	12.144 ✓	12.630
4.6	Beyond 20 km per additional km	1.000 ✓	Cum ✓	9.936 ✓	10.333
85	<b>Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above :</b>				0.000
85.1	3 km	1.000 ✓	Cum ✓	187.600 ✓	195.104
85.2	4 km	1.000 ✓	Cum ✓	206.253 ✓	214.503
85.3	5 Km	1.000 ✓	Cum ✓	224.204 ✓	233.172
85.4	Beyond 5 km upto 10 km per km	1.000 ✓	Cum ✓	16.215 ✓	16.864
85.5	Beyond 10 km upto 20 km per km	1.000 ✓	Cum ✓	13.202 ✓	13.730
85.6	Beyond 20 km per additional km	1.000 ✓	Cum ✓	10.799 ✓	11.231
86	<b>Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Steel/ CGI Sheets:</b>				0.000
86.1	3 km	1.000 ✓	Tonne ✓	153.422 ✓	159.559
86.2	4 km	1.000 ✓	Tonne ✓	168.671 ✓	175.418
86.3	5 Km	1.000 ✓	Tonne ✓	183.356 ✓	190.690
86.4	Beyond 5 km upto 10 km per km	1.000 ✓	Tonne ✓	13.260 ✓	13.790
86.5	Beyond 10 km upto 20 km per km	1.000 ✓	Tonne ✓	10.799 ✓	11.231
86.6	Beyond 20 km per additional km	1.000 ✓	Tonne ✓	8.832 ✓	9.185
87	<b>Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement:</b>				0.000
87.1	3 km	1.000 ✓	Tonne ✓	153.422 ✓	159.559
87.2	4 km	1.000 ✓	Tonne ✓	168.671 ✓	175.418
87.3	5 Km	1.000 ✓	Tonne ✓	183.356 ✓	190.690
87.4	Beyond 5 km upto 10 km per km	1.000 ✓	Tonne ✓	13.260 ✓	13.790
87.5	Beyond 10 km upto 20 km per km	1.000 ✓	Tonne ✓	10.799 ✓	11.231
87.6	Beyond 20 km per additional km	1.000 ✓	Tonne ✓	8.832 ✓	9.185
88	<b>Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bricks:</b>				0.000
88.1	3 km	1.000 ✓	No ✓	0.460 ✓	0.478
88.2	4 km	1.000 ✓	No ✓	0.506 ✓	0.526
88.3	5 Km	1.000 ✓	No ✓	0.550 ✓	0.572
88.4	Beyond 5 km upto 10 km per km	1.000 ✓	No ✓	0.039 ✓	0.041
88.5	Beyond 10 km upto 20 km per km	1.000 ✓	No ✓	0.032 ✓	0.033
88.6	Beyond 20 km per additional km	1.000 ✓	No ✓	0.026 ✓	0.027

Rates & Qty checked by:

  
Head Draftsman

  
Executive Engineer  
PHE Division Baramulla