GOVERNMENT OF JAMMU AND KASHMIR

OFFICE OF THE SUPERINTENDING ENGINEER, HYDRAULIC CIRCLE, SRINAGAR/ GANDERBAL (HQ: SRINAGAR)
Engineering Complex, Rajbagh, Srinagar, Kashmir, 190008, (J&K), Phone/ Fax No.0194-2311831, E-mail: srinagarse@gmail.com

ALLOTMENT ORDER NO. SE/HYD/SGR 06 of 2024-25

Dated :- 22 – 01 – 2025

Classic Construction Company,
Prop: Shabir Mustafa Rafiqui.
S/o : Ghulam Mustafa Rafequi
R/o : Rafiqui Manzil Harwan ,Srinagar.
Regd. No: CCW-J/S&K/AAY/59 of 2008 Dated:- 22-05-2008
Class of Contract: A.
Pan No:- AAFFC3888H
Tin No:- 01AAFFC3888H1ZJ

Subject :- Construction of Ground water based OHT's at Tail Ends of Distribution System with complete Electro-mechanical System having 50,000 G OHT Capacity at Qamarwari including Operation and Maintenance under AMRUT -2.0

Reference:-

1) Administrative Approval Accorded by this Office order No.: SE/HYD/DB/AMRUT2.0/18 of 2024-25, Dt. 13-08-2024 issued under No,: SE/HYD/DB/2542-55, Dt.13-08-2024.
2) Accord of Technical Sanction by Chief Engineer Kashmir PHE Department Srinagar vide order No. : CE/PHE/DB/1068 of 01/2025 issued under No. CE/PHE/DB/28634-43, Dt. 22-01-2025.
3) Executive Engineer Water Works Division Srinagar's E-NIT No: 43/WWD/Sgr/Civil of 2024-25, Dt:19-10-2024 issued under No. WWD/Sgr/CC/4919-30, Dt:19-10-2024.
4) Minutes of Departmental Contract Committee Meeting held in this office chambers of Superintending Engineer Hydraulic Circle Srinagar's No: SE/HYD/Sgr/4650-54 Dated 22-11-2024.
5) Design Calculations/ drawings of subjected work approved by the Chief Engineer Design, Inspection and Quality Control Department Srinagar vide No. DD/BUILD/II/DIQC/S/336, Dt.19-12-2021, vide No. CE/DIQC/J/3641-43, Dt.15-03-2021 and vide No. DD/D&HW/DIQC/S/390, Dt.04-02-2020 circulated vide Chief Engineer PHE Srinagar's No. CE/PHEK/TC/27342-43, Dt.10-01-2025.
6) This office Letter Of Intent No: SE/Sgr/DB/4989-91, Dt: 03-12-2024.
7) Advertised cost of work:- **Rs 179.49Lacs** (Rupees One Crore Seventy Nine Lac Forty Nine Thousands Only)
8) Allotted cost of work :-**Rs. 15971418.68** (Rupees **One Crore Fifty Nine Lacs Seventy one Thousand Four Hundred Eighteen And Sixty Eight Paisa only**)
9) Time of completion: 210 Days.
10) Major Head of Account= AMRUT 2.0
11) Earnest money deposited in the shape of Bank Guarantee bearing No. : 02521PBG2410001 Dated 30-10-2024 for an amount of Rs3,58,980 (2% of advertised cost) J&K Bank Branch Air Cargo Srinagar.
12) Performance Security in shape of Bank Guarantee (BG) vide No. : 10601PBG2501005 Dated 20-01-2025 for an amount of Rs4,39,900 J&K Bank Branch LCU Polo view in addition to already deposited EMD mentioned above at S.No. 10 collectively forming Rs7,98,880.00 (5% of Allotted Cost) as per e-NIT Terms and conditions figuring at S.No.11.

For and on behalf of Lt. Governor UT of J&K, the contract for the above mentioned work is hereby fixed with you on the following quoted rates by you:

S.No.	Particulars of items	Qty.	Unit	Rate	Amount
1	conducting soil testing by making one number of bore hole upto 10 m depth, by open pit excavation as site condition for various labortatry examinations Viz a. consistency test. B. Gradation (sieve analysis) c. Shear parameters. d. density and moisture content and bearing capacity analysis For 1 No. bore hole upto10 meter depth or more	1	no	25000	25000.00

2	Vertical load testing of piles in accordance with IS 2911 (Part IV) including installation of loading platform by Kentledge/Anchor pile method and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer-in- Charge. Single pile upto 50 tonne safe capacity. Initial test (Test Load 2.5 times the safe capacity)	1	no	159533	159533.00
	Routine test (Test Load 1.5 times the safe capacity)	1		175486.6	175486.60
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 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	605.18	cum	187.3	113350.68
4	Boring, providing and installing bored cast-in-situ reinforced cement concrete pile of specified grade concrete mix, diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embeded in the pile cap etc. all complete including removal of excavated earth with all lifts and leads(Length of pile for payment Shall be measured from top of shoe to the bottom of pile cap) By percussion drilling using Direct mud circulation (DMC) or Bailer and chisel technique by tripod and mechanical Winch Machine all complete, M25, 600MM dia pile.	360.00		3095.25	1114290.00
5	Providing and laying of dry Stone soling in horizontal on level.	18.33	cum	937.9	17187.50
6	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	259.61	cum	218.4	56698.09
7	Providing and laying in position cement concrete of specified gradeincluding curing excluding the cost of centering and shuttering. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone agg. 40 mm nominal size Crushed	17.68	cum	5202.9	91975.59
8	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	8.87	cum	6591.25	58464.39
9	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	0.54	cum	5733.6	3096.14
10	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation & plinth including curing in: Cement mortar 1:6 (1 cement: 6 coarse sand)	19.66	cum	7571.55	148856.67
11	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level.	16.96	cum	1455.65	24687.82
12	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)	20.63	cum	7788.4	160674.69

13	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 shutteringfinishing and reinforcement with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	7.86	cum	9821.85	77199.74
14	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)	31.8	cum	9395.7	298783.26
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)	0.08	cum	9023.35	721.87
16	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-incharge. 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	76.87	cum	8021.1	616552.28
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-incharge.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	137.20	cum	9412.05	1291375.65
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-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum)	54.18	cum	98.8	5352.98
19	Extra for R.C.C./B.M.C./R.M.C. work above floor V level for each four floors or part thereof.	89.01	cum	280.95	25007.36
20	Add or deduct for using more or less cement in the items of design mix over and above the specified cement content therein. @ 1.2qtl/cum	256.88	Qtl	941	241728.75
21	Centering and shuttering including strutting, propping etc. and removal of form for				
a).	Foundations, footings, bases of columns etc. for mass concrete	181.46	sqm	286.35	51960.04

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b).	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.		404.86	sqm	628.95	254635.56
c)	Arches And Domes:		130.50	sqm	2281.2	297692.95
	Extra for arches and domes exceeding 6m span	130.50		sqm	1118.85	146009.93
d).	Lintel, beams, plinth beams, girders, bressumers and cantilevers.		248.51	sqm	577.55	143525.22
e).	Columns, pillars, piers, abutments, posts and struts:		264.24	sqm	742.55	196211.41
f).	Spiral Stair Case (Including Landing)		125.76	sqm	676.25	85045.20
	Suspended floors roofs landings balconies and access platforms.		42.70	sqm	718.2	30667.14
h).	Extra For Shuttering in circular work:					
A)	Foundations, footings		181.46	sqm	57.27	10392.01
B)	Walls:		404.86	sqm	125.79	50927.11
c).	domes		130.50	sqm	456.24	59539.32
D)	Lintels, Beams and cantilevers etc.		240.51	sqm	115.51	27780.96
22	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven storey height made with 40 mm dia M.S. tube 1.5 m centre to centre horizontal and vertical tubes joining with cup and lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffoldings for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc. wherever required for inspection of work at required locations with essential safety features for the workmen etc complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.		1017.36	sqm	265.3	269905.61
23	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Thermo-Mechanically Treated bars of grade Fe-500D or more.		44300.00		123.2	5457760.00
24	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) @10 kg/cum		2140.71	kg	63	134864.61
25	12mm Cement plaster finished with a floating coat of neat cement of mix: 1 : 3 (1 cement : 3 fine sand)		1268.77	sqm	370.75	470396.48
26	Extra For Plastering on circular work In one coat.		1268.77	sqm	37.8	47959.51
27	Providing and laying water proofing treatment on horizontal/vertical faces by applying cement slurry mixed with water proofing cement compound consisting of applying :(a) after surface preparation first layer of slurry of cement @ 0.488kg/sqm mixed with water proofing cement compound@0.253 kg/sqm. (b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibrecloth should not be less than 10 cm. (c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg./sqm. and coarse sand @1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken up to 30cm on parapet wall and tucked into groove in parapet all around. For the purpose of measurement the entire treated surface will be measured.		153.00	sqm	556.2	85098.60

28	Finishing walls with acrylic smooth exterior paint of required shade on New work (Two or more coats applied @ 1 67 liter/10sqm over and including priming coat of exterior primer applied @ 2.20kg/10sqm)	679 32	sqm	185 2	125810 06
29	Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	4400.00	kg	181.6	799040 00
30	Providing and fixing hand rail of approved size by welding etc to steel ladder railing , balcony railing , stair case railing and simmiliar works, including applying priming coat of approved steel primer M S Tube	350.00	kg	161.05	56367 50
31	Providing and applying of swellable type water stop tape, 19mm x 25mm thick in linear meter (expansive nature) for construction joints treatment of RCC structure such as raft slab, retaining walls, water storage tank and at the junctions of raft slab with the retaining walls etc.. After cleaning the surface, one coat of required primer for swellable water stop tape shall be applied throughout the length of the joint @3.78 litre per 240 running meter. Over the primed surface swellable type water stop tape shall be placed. The work shall be carried out all complete as per specification and the direction of the Engineer-In-Charge. The product performance shall carry guarantee for 10 years against any leakage.	100.00	mtr	554.1	55410.00
32	Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work) type B				
	100 mm dia. nominal bore	730.00	mtr	1255.15	916259.50
	80mm dia nominal bore	200.00	mtr	878.25	175650.00
	65 mm dia	150.00	mtr	745.1	111765.00
	150 mm dia nominal bore	144.00	mtr	2256.9	324993.60
33	Providing, fixing of M.S flanges by welding including cost of cutting making both holes made out of 10/14mm thick M.S plate to the pipes of different dia's and including cost of nuts, bolts, washers etc. (Complete Job).				
	150mm	10.00	joint	1400	14000.00
	100mm	11.00	joint	1100	12100.00
	80mm	10.00	joint	950	9500.00
34	Providing & fixing of MS fittings viz bends of suitable degree tees collars etc to be fabricated from MS plate in required thickness as per the requirement of site including cost of welding lead caulking . The work should be leakproof and should be painted with anti corrosive primer as approved metal paint One Complete Job.	600.00	KG	250	150000.00
35	Providing/fixing of Non Return Valves of heavy duty like Kirloskar/VAG/Talis make including all types of necessary fittings carriage complete job.				
	100 mm	1 no	each	8000	8000.00
36	Providing and fixing D.I. Slucie 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.				
	100 mm	2.00	no	20000	40000.00

	150 mm	2.00	no	30000	60000.00
37	Painting with PHE (Jal shakti) Logo at the Top Tank Level along with salient features of the OHT. The height of logo should not be less than 2 5 mtr in height and should be visible properly from a distance and the salient features should be writing in 3x3 sqm. Complete job.	1.00	No	8000	8000.00
38	Providing and fixing precoated galvanized iron profile sheets (size shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5 5x 55 mm) with EPDM seal complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins rafters and trusses and including cutting to size and shape wherever required. IS. 277 in 240 mpa steel grade 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x 55 mm) with EPDM seal complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins rafters and trusses and including cutting to size and shape wherever required.	67.41	sqm	706.5	47625.17
39	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 zinccoating not less than 275 gram/m2	42.22	mtr	690.85	29167.69
40	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 class Kail wood	3.83	sqm	3453.55	13227.10
41	Providing and fixing plained eaves boarding. 2nd class kail wood (300x40 mm (nominal size).	25.00	no	1007.5	25187.50
42	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): Second class Kail wood	0.42	cum	101081.85	42454.38
43	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 35 m m (35mm thick)	7.82	sqm	2853.95	22317.89
44	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.	5.71	sqm	2305.7	13165.55

45	Providing and fixing glass panes with putty and glazing clips in steel doors windows clerestory windows all complete with : 5.0mm thick glass panes	4.60	sqm	1210	5566.00
46	Providing and fixing ISI marked aluminum butt hinges 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 :				
	100x63x4 mm	6.00	no	106.85	641.10
	75x63x3.2 mm	26.00	no	78.2	2033.20
47	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 :				
	150x10 mm	18.00	no	83.8	1508.40
	200x10 mm	8.00	no	95.35	762.80
48	Providing and fixing aluminum round shape handle of outer dia 100mm with SS screws etc. Complete as per direction of Engineer-in-charge	13.00	no	95.85	1246.05
49	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 (1cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	18.00	no	207.35	3732.30
50	Providing and fixing wooden moulded beading to door and window frames with iron screws plugs and priming coat on unexposed surface etc. complete:Budloo/ Fir wood Kiln seasoned and chemically treated hollock wood 50x12mm	61.20	mtr	160.25	9807.30

51	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections power pressed from M.S sheets and galvanized with zinccoating of 120 gms/sqm (both side inclusive) as per IS:277 and consisting of angle cleats of size 25 mm widex1.6mm thick with flanges of 27mm and 37 mm at 1200 mm centre to centre one flange fixed to the ceiling with dash fastener 12.5 mm dia x40mm long with 6 mm dia bolts other flange of cleat fixed to the angle hangers of 25x10x0.5mm of required length with nuts & bolts of required size and other end of angle hanger fixed with G.I. channels 45x15x0.9 mm running at the spacing of 1200 centre to centre to which the ceiling section 0.5mm thick bottom wedge of 80mm with tapered flanges of 26mm each having clips of 10.5 mm at 450mm centre to centre shall befixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64mm diaX230 mm long G.I. wire at everyjunction including fixing perimeter channels 0.5mm thick 27mm highhaving flanges of 20mm and 30 mm long the perimeter of ceiling fixed towall/partition with the help of rawl plugs at 450 mm centre to centre with25mm long drive-all screws @ 230 mm interval including fixing of gypsum board/calcium silicate board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5x25mm at 230mm c/c including jointing and finishing to a flush finish of tapered and square edges of the gypsum board with recommended jointing compound jointing tapes finishing with jointing compound in 3 layers covering upto 150mm on both sides of joint and two coats of primer suitable for board all as per manufacturers' specification and also including the cost of making openings for light fittings grills diffusers cutouts made with frame of perimeter channels suitably fixed all complete as per drawing and specification and direction of the Engineer-in-Charge but excluding the cost of painting with: 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095-Part 1 : 2011 (Board with BIS certification marks)	31.36	sqm	1350.65	42356.38
52	Providing and fixing Ist 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	12.73	sqm	1229.1	15646.44
53	Providing and fixing 1st quality ceramic glazed floor tiles conforming toIS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours shades except burgundy bottle green black of any size as approved by Engineer-in-Charge in skirting risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete	2.79	sqm	1106.05	3085.88
54	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap 10 liter low level white P.V.C. 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.	1.00	no	5493.25	5493.25

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55	Providing and fixing wash basin with C.I. brackets 15mm C.P. brass pillar taps 32 mm C.P. brass waste of standard pattern including painting of fittings and brackets cutting and making good the walls wherever required : White Vitreous China Wash basin size 630x450 mm with a pair of 15 mmC.P. brass pillar taps	1.00	no	4172.4	4172.40
56	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	1.00	no	1474.15	1474.15
57	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes conforming to IS: 15801 UV stabilized and anti-microbial fusion welded having thermal stability for hot and cold water supply including all PP-R plain and brass threaded Polypropylene random fittings. This includes testing of joints complete as per direction of Engineer-incharge.	50.00	mtr	461.9	23095.00
58	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete including cost of cutting and making good the walls and floors :	1.00	no	1556.4	1556.40
59	Bottle trap 31 mm single piece moulded with height of 270 mm effective length of tail pipe 260 mm from the centre of the waste coupling 77 mm breadth with 25 mm minimum water seal weighing not less than 260 gms.	1.00	no	596.3	596.30
60	Providing and installing of PVC pipes (working pressure 4kg/cm2) single socketed pipe 110mm /80mm dia with all necessary arrangements and fittings including Tee's Elbows and End Caps wherever required complete job.	20.00	mtr	427	8540.00
61	Supplying and fixing of following modular switch / socket on the existing modular plate and switch box including connections but excluding modular plate etc. as required.				
	Pin 5/6A Socket outlet 16Amp	2.00	no	156	312.00
	3 Pin 5/6A Socket outlet 6Amp	2.00	no	122	244.00
	5/6A Switch	2.00	no	103	206.00
62	Providing and fixing gyser of capacity 25 Ltr. Of quality make (Havells HaquarCrompton etc. including all required fittings and accessories complete Job).	1.00	no	8000	8000.00
63	Providing and fixing C.P. brass bib cock of approved quality.	3.00	no	334.7	1004.10
64	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 :	1.00	no	6166.9	6166.90

65	Providing, fitting, testing and commissioning of voltage stabilizer as per specifications below: Type of voltage controller: Manually operated copper wound, 3-phase, AC power supply multi step.Type of Regulator : Double plate type with electrolytic copper contacts.Input voltage : 250-400 volts.(3 phase)Output voltage : 400 ±10% volts.Frequency : 50 ±3 C/S.Windings : Electrolytic grade copper of adequate section, vacuum impregnated and Oven-dried.Insulation : Fiber glass insulations to tested parameters.Cooling : Naturally, Oil cooledTemp. Rise (Max) : 30°C above ambientMounting : On Uni-directional wheels.Correction rate : 30 volts per stepWave form distortion : virtually nilDuty cycle : 100% continuous.Enclosure : MS sheet enclosure in pressed CGR Sheet powder coated with radiators.Core laminates : High grade, low eddy loss, grain oriented silicon steel laminations.Load : Three phase induction motor load.Load Amperes (continuous)Overload in 24-hours operation: 10% above continuous Ampere rating.The voltage stabilizer shall have T-oil level indicator gauge preferably glass type tube or otherwise visible to naked eye. The top of the container to have a display panel for housing 02 numbers Digital voltmeters (0-500V) along with 4-way selector switch and set of neon indicators for incoming and outgoing phases (06 No's).Insulating media (T. Oil) of 11 KVA grade to be provided and filled up to top level, with dielectric strength of 5 KV at 4m air gap. The T-Oil of specific grade should be provided in separate barrels and filled at site up to top level.The voltage Stabilizer shall be accepted with manufacturers dully stamped test certificate and shall have name plate with specifications.(ONE JOB EACH TO BE CARRIED OUT AT STAGE-Ist& STAGE-IInd& ONE TO BE KEPT AS STANDBY)	1.00	no	58000	58000.00
66	Providing, installation, testing and commissioning of area lighting 120 Watt LED (Street Light Type) on top of pole Having following specs: Input: 90-240 V 50 Hz Power Factor: >0.9 Colour Temperature: 4K - 6.5K Beam Angle: 120° - 170° Lumens: >12000 Operating Temperature: -20°C to 60°C The LED is pressure die cast aluminum housing with power coated finish and having Ingress Protection up to IP-68. The LED is properly fitted as per the site conditions and as per the directions of site engineer.(Arms required for fitting of LED is included in the job)	6.00	no	9486	56916.00
67	Providing and Fitting of 3.5 core XLPEArmouredAluminium Cable conforming to IS: 7089 part 1st as service line from the HT transformer to control panel including necessary thimbling, crimping, taping etc. NOTE:- The cable terminal ends for connection to switchgear at various requisite points shall be Al. Thimbles of dowel's make and of appropriate size and connected by hydraulic crimp tool only.	150.00	m	497	74550.00
68	Providing and fitting of 3-Core flat submersible copper cable conforming to IS: 694 (Part 1st) – 1964 & IS: 694 (Part 2nd) - 1964 for Submersible Pumping Unit and other electrical Equipments .The cable connections terminal shall be fitted with copper thimbles of required size.	150	mtr	610	91500
69	Providing and installation of Junction Box with DP 32 A MCB to serve as Main switch for LED Lighting. The job includes making of electric connection to the circuit.	6	no	2227	13362

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70	Supply, installation of 6 kg CO2 type fire extinguisher manufactured as per IS: 15683 of 2006 with IS mark and comply with DGMS (Approval). The co2 extinguisher should be suitable for class B & C fire and also for fire involving electrical equipment. The cylinder used for fire extinguisher shall be approved by petroleum and explosive safety organization (PESO) as per gas cylinder rules 2004 and as per IS: 7285 of 2004. The body should be made of seamless steel (manganese) confirming to IS: 7285 with IS mark and should be provided with squeeze grip nozzle and should be filled with co2 confirming to IS: 15222 of 2002 with certificate. The extinguisher shall be provided with manufactures test certificate and hydraulic test certificate by BIS from PESO.	6	no	6447	38682
71	Supply, installation, erection of 9 mtrs long ST- 410 (sp-33) . The job further includes drilling of holes for installation of various accessories wherever required.	6	No	20686	124116
72	Painting of poles Red oxide	50.00	kg	306	15300
73	Painting of poles Aluminum paint	50.00	kg	510	25500
74	Supply, Installation, Testing & Commissioning of Open Well Pumping Units as per IS 14220.PUMP: - • Type of pump :Open well Submersible Pump (Horizontal)• Discharge: 8000 GPH• Head: 40M• Quality of Water to be handled : Filter water METERIAL OF CONSTRUCTION:• Pump Casing : Cast Iron• Impeller : SS • Pump Shaft : Stainless Steel 410• Motor Body : Cast Iron/SS• Sealing : mechanical seal ü The bowl plate shall be provided with name plate giving complete specifications ü MOTOR: -ü Rating:suitable for above specification • Method of starting: Star – Delta/DOL (as specified).• Frequency : 50Hz + 3%• Voltage : 415 + 6 %, - 15% 3 phase • Class of insulation: Suitable for above rating.• Sealing : Dual mech. seal. Provided with thermal and overload protectionThe motor shall be made of corrosion resisting materials to resist corrosion under normal conditions and the motor shall have a name plate giving complete specifications.Note: Test certificate having the Serial No. of the Pumping Unit along with the performance curve in duplicate from the Manufacturer must be produced on delivery of the itemMake: Kirloskar/KSBTO BE CARRIED OUT AT STAGE-IInd	2.00	no	75000	150000.00

	Fabrication, Providing and fitting of Modular motor control panel of appropriate size fabricated out of 14 SWG sheet having required openings/vents and protection Class : IP-55 & fitted with accessories as under: a) Bus bar Chamber: The bus bar chamber shall be fitted at the top of the panel horizontally throughout the length. There shall be 3 Nos. of phase bus bar and 1 No neutral bus bar and 1 No earthing bus bar. The bus bars shall be air insulated and made-up of high conductivity COPPER with current density of suitable rating for 100 Ampere. All panel compartments shall be provided with suitable cable alley and vertical bus bar alley. Suitable segregation shall be provided in between bus bar chamber and adjoining compartments. The bus bar shall be PVC sleeved with color strips of red, yellow, blue and black and the same be arranged in accordance with IS-375 specs. Electrical clearances shall be maintained between phases, neutral and body as per standards. b) Main Circuit Breaker (Incomer MCCB): Qty. = 01 No. of poles = 4 Pole Current Rating = DN2-250N, 160-200 A. Rated operational voltage = 415 V + 15 % Rated frequency = 50+/-3%Hz Ambient temperature = 40C° Ultimate S.C Breaking Cap. at (415V AC, 50 Hz) = 50 KA Type of release = Thermal-Magnetic Overload protection = 0.8 – 1×In adjustable Short-circuit protection = 6-10×In adjustable. c) Change over Switch: Qty. = 01 No. Rating = 200 A Type = Front operated, on load, 4 pole, 400 +15%V, 50 + 3%Hz. d) Motor Back-up Protection MCCB: Qnty = 03 No No. of poles = 3P Current Rating = DN0-125D, 100-125 A Rated operational voltage = 415 V +15 % Rated frequency = 50 + 3% Hz Ambient temperature = 40C° Ultimate S.C Breaking Cap. at (415V AC, 50 Hz) = 36 KA e)Submersible starters = Fully automatic star-delta Type: MU-G20 Power Specs = 3 Φ, 415 + 15% V, 50 + 3 % Hz. Relay range = 13-21 A Coil Voltage = 380 v Protection = single phasing , phase Reversal, phase unbalance (55 ± 5 V) , Qty. = 3 No's f) Auxiliary MCCB for Heating/Lighting: Circuit Breaker = MCCB (Outgoing)	1.00			
75			no	210000	210000.00
76	Supply, installation, Testing & commissioning of 1000VA Full Sine wave power inverter including Providing / Installation of 12V, 180AH Tubular inverter Battery with trolley and cover with 2-core 6mm2 Cu wiring as per site requirement along with other accessories like SS-Combine (02 No's), 3-pin plugs etc of reputed make for proper fitment and installation of the item.	1.00	no	34053	34053.00

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77	Providing of good quality bedding for night stay/Shift consisting of: - 1) Mattress with warm cover size 6'x3' (6Kg)- 02 No's 2) Quilt with warm cover size 5'x8' (6Kg)- 02 No's 3) Pillows with covers - 02 No's 4) Single bed warm blankets with one sided Fur- 02 No's The filling material for mattress, quilt and pillow shall be of good quality cotton	1.00	no	39619	39619.00
78	Providing/fitting of manual type chain pulley block having following features: Make = INDEF/Pulllift Capacity = 2MT No. Of chain falls = 4 Min. Height of lift = 6 M Gears:- The hoist shall have precision cut super and helical gears made of alloy steel mounted on bearings and housed in a dust proof gear box. The lubrication of gears be of high viscosity and temperature for longer life of gears. Load Chain:- The load chain be made of high tensile alloy steel having wear resistance and greatest mobility. The chain should be accurately collaborated, tested and have adequate in built factor of safety for safer operation. Load chain wheel:- Specially designed, perfectly machined wheel providing correct grip of load chain made of malleable cast iron makes the hoist most safe and reliable against any failure.	1.00	no	28000	28000.00
	Carriage of materials by Mechanical Transport including loading, unloading and stacking				
	Sand and aggregate below 40 Avg lead 35 Km (cum)	423.39	cum	575.5	243660.95
	Stone Agg 40mm Avg lead 35 Km (cum)	15.9	cum	625.64	9947.68
	cement MT	112	MT	248.03	27779.36
	Steel	44.3	MT	248.03	10987.73
	Structural Steel (MT)	4.4	MT	248.03	1091.33
	Brick work (Number)	8056	No.	1.2	9667.20
	Total (A)				**16996414.25**
	O & M				
	For 1st Year (After DLP is over)		1.000	year	140000
	For 2nd Year		1.000	year	160000
	For 3rd Year		1.000	year	180000
	For 4th Year		1.000	year	200000
	For 5th Year		1.000	year	269000
	Total (B)				**949000.00**
	Grand Total				**17945414.25**
	Allotted Rate/Amount quoted by the tendered @ 11% below (Eleven Percent Below)				**1973995.57**
	Grand Total (in Rs.) Allotted Amount/ Rate				**15971418.68**
	One Crore Fifty Nine Lacs Seventy one Thousand Four Hundred Eighteen And Sixty Eight Paisa only				

Rates & Quantities Checked

Head Draftsman

Technical Officer

Superintending Engineer

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TERMS AND CONDITIONS:

01: Time of Completion: Time shall be essence of the contract, the work under this contract shall be completed in all respects within a period of 8 calendar months including rainy and snowy days reckoned from 7 day after the issuance of formal allotment letter by the department. In the event of the contractors falling/declining/neglecting or delaying, the work shall be got executed through any other agency at the risk and cost of the original contractor.

02: Advance Payment: No mobilization advance or advance payment shall be made in favour of the contractor.

03 Agreement: The contractor shall draw an agreement with the Department within seven days from the date of issue of this allotment order. Contractor's failure to execute such an agreement in time shall not however, prevent this contract from being enforced against the contractor and the conditions laid down in the NIT/allotment order shall hold good even before drawl of formal agreement and the contract shall be complete and binding upon the contractor.

04 Defect liability period; if during the period of Twelve months after the successful completion of trail run of 03 months or whichever is later (which shall be considered as the defect liability period) reckoned from the date of actual completion and handing over of the structure any defect is found in the work or in the part thereof which may have been caused by the bad workmanship, use of inferior material or otherwise or if in the opinion of the Chief Engineer or Superintending Engineer Incharge any repairs are required to be made in any work done, the contractor shall be liable to remove the defects or make repairs at his cost and expenses within a period of ten days from the issue of the notice by the Engineer in charge, in the event of the failure on the part of contractor to remove these defects or make the repair within a stipulated period, the engineer in charge may get the defects removed or repairs made through other agency and cost thereof shall be recoverable from the security deposit or any amount due to the contractor. The defects or repairs shall be recoverable from the amount due to the contractor the defects or repairs shall be deemed to have been removed/made when the Chief Engineer/Engineer in charge certifies that the defects have been removed or the repairs have made to his entire satisfaction.

05: Disposing excavated material: All excavated material shall remain the property of the Department. The Contractor shall ensure that no excavated material which is suitable for and is required for re-use in the Works is transported unless so ordered by the Engineer-in-Charge.

06: General

a) The method of measurement/specification of completed work for payment etc. shall be in accordance with the "Book of Specifications" published by the CPWD that forms basis for SSR in vogue

b) All other terms and conditions shall remain same as laid down in the Executive Engineer, Jal Shakti (PHE) Water Works Division, Srinagar's e-NIT No: 43/WWD/Sgr/Civil of 2024-25, Dt:19-10-2024 issued under No. WWD/Sgr/CC/4919-30, Dt:19-10-2024.

Rates & Quantities checked

Head Draftsman

Technical Officer

Superintending Engineer,
Hydraulic Circle Srinagar/Ganderbal
Hq. Srinagar.

No: SE/HYD/SGR/6140-42
Dated: 22 -01-2025

1. Chief Engineer Jal Shakti (PHE) Department Srinagar for information.
2. Executive Engineer Water Works Division Srinagar for information & necessary action. The work be executed strictly as per the approved design, drawings and specifications besides taking into consideration all the measures for abiding strictly to quality control practices as per relevant ISI code, appropriate sections of tender documents and standard practices of engineering.
3. Office File.