

# Office of the Executive Engineer (JSD) P.H.E Division Awantipora

E-Mail ID: phedivisionawantipora@gmail.com

No.PHE/AWP/ 3001-09  
Dated: 28-11-24.

M/S Bhat Construction

Bhat Construction Bhat

R/O: Kandival

Reg. No: KMR/ PHED/RCR/1994-95/6-AAY of 11/1994

PAN No. ABCFB0264C

GST No. 01ABCFB0264C1ZF

Cell No. 7006470057

Subject:- Providing water supply facilities by way of Laying Fitting of pipes, Const. of sluice chamber, Const. of De-Sludge sump, Const. of chainlink fencing, Const. of 0.15 Lac Gallons Sump, Improvement to old pipes network and providing of 78 nos FHTC's for Retrofitting of WSS Khadermoh (under JJM)

Reference:- (1). Your tender in response to this office E-NIT No. 62/PHA of 2023-24 (e-tendering) issued under endorsement No. PHA/Awp/ 4930-43 Dated: 05.01.2024 Tender Id No. 2024\_PHE\_242254\_1  
(2). Administrative Approval accorded by Chief Engineer Kmr, Jal Shakti (PHE) Deptt. Srinagar's order No.CE/PHE/DB/JJM/377 of 12/2023 dated: 30.12.2023.  
(3). Technical sanction Order No. CE/PHE/DB/987 of 01/2024 dated: 05.01.2024  
(4). L.O.I No. AWP/PHE/5376-79 dated: 25.01.2024  
(5). DJJM Meeting held on 31.01.2024 vide letter No. SE/Hyd/Spn/DB/6612-14 dated: 31.01.2024

For on behalf of lieutenant Governor of Union Territory of Jammu & Kashmir, contract for above mentioned work is hereby fixed with you at the following quoted rates, terms conditions.

Advertised Cost:- Rs 53.33 lacs

Alloted Cost:- Rs 45.333 lacs

(Rupees forty five lacs thirty three thousand and three hundred) only

S.No.	Particulars of items	Unit	Qty	Estt. Rate	Amount	
					in figures	in Words
1.00	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	Cum	764.06	256.85	196248.811	Rupees One Lakh NinetySix Thousand Two Hundred FortyEight Paise EightyOne Only
2.00	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 upto 1 mtr from cutting edge. All kinds of soils	Cum	769.58	479.30	368859.694	Rupees Three Lakh SixtyEight Thousand Eight Hundred FiftyNine Paise SixtyNine Only
3.00	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 :	Cum	242.28	187.30	45379.044	Rupees FortyFive Thousand Three Hundred SeventyNine Paise Four Only

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4.00	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 soils	Cum	✓ 74.57	✓ 592.90	44212.553	Rupees FourtyFour Thousand Two Hundred Twelve Paise FiftyFive Only
5.00	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :All kinds of soil	Cum	✓ 78.14	✓ 89.75	7013.065	Rupees Seven Thousand Thirteen Paise Seven Only
6.00	Providing, Supplying, Lowering, Laying, Jointing, Hydraulic testing and Commissioning of PE-100 and PN-10 HDPE Pipes in standard lengths confirming to IS 4984/ 14151/ 12786/ 13488 with necessary jointing material and all kinds of pipe specials including Transportation, Freight charges, Inspection charges, Loading, Un-Loading charges, Conveying to departmental store, Jointing procedure as per relevant IS code complete with materials for jointing procedure with all labours as directed by Engineer in Charge as per IS 7634- Part-II, Hydraulic testing to specified pressures (including cost of all materials Labour and Water) for specified lengths inclusive of all kinds of taxes and carriage complete. 110mm HDPE	Mtr	✓ 1150	✓ 583.86	671439	Rupees Six Lakh SeventyOne Thousand Four Hundred ThirtyNine Only
7.00	90mm HDPE	Mtr	✓ 700	✓ 403.91	282737	Rupees Two Lakh EightyTwo Thousand Seven Hundred ThirtySeven Only
8.00	75mm HDPE	Mtr	✓ 200	✓ 273.84	54768	Rupees FiftyFour Thousand Seven Hundred SixtyEight Only
9.00	50mm HDPE	Mtr	✓ 1100	✓ 138.95	152845	Rupees One Lakh FiftyTwo Thousand Eight Hundred FortyFive Only
10.00	40mm HDPE	Mtr	✓ 500	✓ 98.98	49490	Rupees FourtyNine Thousand Four Hundred Ninety Only
11.00	25mm HDPE	Mtr	✓ 1000	✓ 63.33	63330	Rupees SixtyThree Thousand Three Hundred Thirty Only
12.00	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, and Earth work. 100 mm dia. G.I. pipes	Mtr	✓ 50	✓ 118.45	5922.5	Rupees Five Thousand Nine Hundred TwentyTwo Paise Fifty Only
13.00	80 mm dia. G.I. pipes	Mtr	✓ 50	✓ 80.30	4015	Rupees Four Thousand Fifteen Only
14.00	65 mm dia. G.I. pipes	Mtr	✓ 50	✓ 80.30	4015	Rupees Four Thousand Fifteen Only

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Providing water supply facilities by way of Laying Fitting of pipes, Const. of sluice chamber, Const. of De-Sludge sump, Const. of chainlink fencing, Const. of 0.15 Lac Gallons Sump, Improvement to old pipes network and providing of 78 nos FHTC's for Retrofitting of WSS Khadermoh (under JJM)

15.00	50 mm dia. G.I. pipes	Mtr	50	44.85	2242.5	Rupees Two Thousand Two Hundred FortyTwo Paise Fifty Only
16.00	40 mm dia. G.I. pipes	Mtr	100	44.85	4485	Rupees Four Thousand Four Hundred EightyFive Only
17.00	25 mm dia. G.I. pipes	Mtr	100	33.70	3370	Rupees Three Thousand Three Hundred Seventy Only
18.00	20 mm dia G.I. pipes	Mtr	800	22.25	17800	Rupees Seventeen Thousand Eight Hundred Only
19.00	15 mm dia G.I. pipes	Mtr	1500	22.25	33375	Rupees ThirtyThree Thousand Three Hundred SeventyFive Only
20.00	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/by mechanical means including stacking of pipes within 50 meters lead as per direction of Engineer-in-charge : <u>15 mm to 40 mm nominal bore.</u>	Mtr	300	109.65	32895	Rupees ThirtyTwo Thousand Eight Hundred NinetyFive Only
21.00	Above 40 mm nominal bore	Mtr	200	121.65	24330	Rupees TwentyFour Thousand Three Hundred Thirty Only
22.00	Providing Fixing of M.S Flanged joints( 12mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, Cost of Nuts,Bolts, Washers ,Laying and Fitting including testing of joints and shorts of carriages ( complete job.) 100 mm Dia GI pipe	Jt	15	1400.00	21000	Rupees TwentyOne Thousand Only
23.00	80 mm Dia GI pipe	Jt	15	1100.00	16500	Rupees Sixteen Thousand Five Hundred Only
24.00	65 mm Dia GI pipe	Jt	10	900.00	9000	Rupees Nine Thousand Only
25.00	50 mm Dia GI pipe	Jt	10	600.00	6000	Rupees Six Thousand Only
26.00	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	cum	1761.3	218.40	384667.92	Rupees Three Lakh EightyFour Thousand Six Hundred SixtySeven Paise NinetyTwo Only
27.00	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc complete : 50mm to 150mm nominal bore	No.	5	1387.50	6937.50	Rupees Six Thousand Nine Hundred ThirtySeven Paise Fifty Only
	<u>15 mm to 40mm nominal bore( FHTC )</u>	No.	78	730.25	56959.50	Rupees FiftySix Thousand Nine Hundred FiftyNine Paise Fifty Only

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29.00	Providing and fixing of D.I. sluice valves ( with cap) completes with bolts nuts, rubber intortions etc .(the tail pieces if required will be paid separately) Confirming to IS 14846 read with latest amendmentts.100mm dia.	No.	✓ 4	✓ 17210.00	68840.00	Rupees SixtyEight Eight Hundred Four
30.00	80mm dia	No.	✓ 3	✓ 14058.00	42174.00	Rupees Forty Thousand One Hundred SeventyFour Only
31.00	Engagement of Welder along with Generator with Driver for Welding of damaged joints,pipes,Charging/commissioning of existing system including all cost of Flanges, Electrodes, Nuts ,Bolts, Washers etc and Cost of Welder,Helper,Higher charges of Welding mechane.(complete job)	day	✓ 4	✓ 5000.00	20000.00	Rupees Twenty Two Only
32.00	Providing and fixing of MS fittings viz bends of suitable degree, tees,collars etc to be fabricated from 6mm nominal size MS plate as per the reruirement of site including cost of welding . The work should be leakproof and should be painted with anti corrosive red oxide primer. complete job.( To be paid as per actual )	Kg	✓ 100	✓ 147.82	14782.00	Rupees Fourteen Thousand Seven Hundred Eighty Two Only
33.00	Providing and laying of dry stone soling in horizontal on level including all carriages Complete.	cum	✓ 16.84	✓ 1320.00	22228.80	Rupees Twenty Two Thousand Two Hundred TwentyEight Paise Only
34.00	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(1cement:4coarse sand:8graded stone aggregates)40mm nominal size	cum	✓ 13.43	✓ 5202.90	69874.947	Rupees SixtyNine Thousand Eight Hundred Seven Paise NinetyFive Only
35.00	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(1cement:3coarse sand:6graded stone aggregates)20mm nominal size	cum	✓ 4.74	✓ 5733.60	27177.264	Rupees Twenty Six Thousand One Hundred SeventySeven Paise TwentySix Only
36.00	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)	cum	✓ 18.38	✓ 7788.40	143150.792	Rupees One Lakh FourtyThree Thousand Hundred Fifty Paise SeventyNine Only
37.00	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)	cum	✓ 38.78	✓ 9385.70	364363.246	Rupees Three Lakh SixtyFour Thousand Hundred SixtyFive TwentyFive Only

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38.00	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)	cum	5.53	9821.85	54314.8305	Rupees FiftyFour Thousand Three Hundred Fourteen Paise EightyThree Only
39.00	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.	kg	6018	123.20	741417.6	Rupees Seven Lakh FourtyOne Thousand Four Hundred Seventeen Paise Sixty Only
40.00	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.	kg	638.75	181.60	115997	Rupees One Lakh Fifteen Thousand Nine Hundred NinetySeven Only
41.00	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)	kg	327	63.00	20601	Rupees Twenty Thousand Six Hundred One Only
42.00	Demolishing R.C.C. work manually/by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge.	Cum	6.62	2516.85	16661.547	Rupees Sixteen Thousand Six Hundred SixtyOne Paise FiftyFive Only
43.00	Extra for scrapping, cleaning and straightening reinforcement from R.C.C. or R.B. work	Kg	628.43	6.95	4367.5885	Rupees Four Thousand Three Hundred SixtySeven Paise FiftyNine Only
44.00	Centering and shuttering including strutting, propping etc. and removal of form for:- Foundations, footings, bases of columns etc. for mass concrete.	Sqm	30.09	286.35	8616.2715	Rupees Eight Thousand Six Hundred Sixteen Paise TwentySeven Only
45.00	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	Sqm	386	628.95	242774.7	Rupees Two Lakh FourtyTwo Thousand Seven Hundred SeventyFour Paise Seventy Only
46.00	Lintel, beams, plinth beams, girders, bressumers and cantilevers	Sqm	13.17	577.55	7606.3335	Rupees Seven Thousand Six Hundred Six Paise ThirtyThree Only
47.00	Columns, pillars, piers, abutments, posts and struts.	Sqm	10.8	742.55	8019.54	Rupees Eight Thousand Nineteen Paise FiftyFour Only
48.00	Suspended floors, roofs, landings, balconies and access platforms. Shelves (cast-in-situ)	Sqm	46.91	718.20	33690.762	Rupees ThirtyThree Thousand Six Hundred Ninety Paise SeventySix Only

Detailed description of Work, Units, Rate, Total				
Ref	Description	Rate	Unit	Total
50.00	Excavation and backfilling of Foundation walls, Dug. Dismantling and reusing of circular work (20% of excavation cost) and Shoring items for Foundations, frames, bases of columns etc. for mass-concretes.	500	✓	250.00
51.00	Walls and thickness including attached plates, brackets, joint and strong courses.	500	✓	125.00
52.00	Links, beams, joint beams, plates, messengers and couplers.	500	✓	125.00
53.00	Suspended floors, roofs, landings, balconies and platforms. Staves (cast-in-situ)	500	✓	125.00
54.00	12mm Cement plasters finished with a floating coat of 10mm cement of mix. 1:3 (1 cement: 3 fine sand)	500	✓	125.00
55.00	12mm Cement plasters of mix. 1:4 (1 cement: 4 fine sand)	500	✓	125.00
56.00	Providing and fixing G.I. chain link fencing as required with in mesh size 50x50 mm 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 4 mm.	500	✓	125.00
57.00	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. Welded.	500	✓	125.00
58.00	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.	500	✓	125.00
59.00	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade. Two or more coats on G.I./New Work/On Existing fencing & Gate	500	✓	125.00
60.00	Providing, Raising of Horizontal Pump Motor (3 PHASE), non-240V Head Pump set (5 HP) and head upto 15 mins along with all electrical fixtures (Panel Board, MCC Starter, Service line including making connection. Chompton make complete job	500	✓	125.00
61.00	Trenchless Boring of river bed manually or Mechanically upto 300 mm Dia. Complete. As per direction of E.I.C.	500	✓	125.00



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84.00	Carriage of different materials from different source to dumping site of work by mechanical transport including loading, unloading and stacking etc.	MT	48.635	248.03	12062.94	Rupees twelve thousand sixty two and paise ninety three only
85.00	Sand for an average lead of 08 Km	cum	43.23	247.72	10708.94	Rupees ten thousand seven hundred eight and paise ninety four only
86.00	20mm Aggregate for average lead of 08 Km	cum	70.47	247.72	17456.83	Rupees seventeen thousand four hundred fifty six and paise eighty three only
87.00	40mm Aggregate for average lead of 08 Km	cum	11.368	269.28	3061.18	Rupees three thousand sixty one and paise eighteen only
88.00	Extra carriage of pipes for Lead of 400 mtr(100 mm Dia)	Mtr	50	5.94	297.00	Rupees two hundred and ninety seven
Total:-					5333392.84	
Less(-) 15.00%					800062.2606	
G.Total:-					4533330.58	
Say:-					45.333 lacs	

I Rates and quantity checked

Head Drafterman

**Terms Conditions:-**

- 1 The cost of work in no case exceed beyond Rs 45.333 lacs (Rupees forty five lacs thirty three thousand and three hundred only)
- 2 The conditions laid down in the detailed e-NIT agreement Form No. 25-double will strictly hold good even before the drawl of an agreement with the department.
- 3 The work shall have to be completed within a period of (90 days) the date of start shall be reckoned after seven days from the date of issuance of this allotment order, failing which penalty up to 1% of the total value of contract shall be imposed upon you.
- 4 The Security Deposit of the subjected work shall be released after the DLP Period is over i.e ( 18 Months).
- 5 Bid declaration security @ 3% vide FDR No. 269598 dated:- 19.01.2024 for an amount of Rs 1,07000/- and FDR No. 301427 dated:- 11.10.2024 for an amount of Rs 31,000/- are being retained as security deposit shall be released only after successful completion of the work and reported by concerned AEE .
- 6 The additional performance security @ 10% vide FDR No 301694 dated:- 27.11.2024 for an amount of Rs 5,33000/- of the advertised cost Rs 53.33 lacs shall be released after the execution of work and as per the reports of concerned AEE.
- 7 The contractors are directed to get the 3rd party inspection of pipe material (HDPE) done preferably from M/S Tata Consultancy or M/S Crown Agents India apart from third party inspection agencies already notified in their respective eNITs. (ADVISORY NO: CE/JSD/PS/35727-60 Dated: 20-01-2024)
- 8 The work shall have to be started by you at site immediately and ensure its successful completion within a period of (30 days) as mentioned in e-NIT from the date of issuance of LOU/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 recommended for forfeiting.
- 9 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.
- 10 The allotted works shall be subject to check by the third party monitoring agency appointed by the department.
- 11 Payment shall be released as per actual / measured work done not less than 20% of the allotted cost on a monthly basis