

P-104  
part 2nd  
Pahelgum JGM  
22-23

## OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

N/S Zahid Nazir Wagay  
S/O Nazir Ahmad Wagay  
R/O Bijbehara  
Regd: CE/PHE/I&FC/2020-21/AAV-125  
Tender ID: 2022\_PHE\_173776\_15  
Adv. Cost Rs: 88.90 Lacs

No/PHB: 180802-06  
Dated: 12-03-2023  
GST. No:- 01ABZPW0815H1ZF

**Cost of L1 Rs : 92.98 Lacs**

**Subject:-**

Retrofitting of WSS Wajoor including the laying and fitting of pipes excluding the cost of pipes, construction of 0.25 lac gallons capacity SR, 1 No sluice chamber, Chain link fencing, intake chamber, spring protection and improvements to the existing pipe network under JJM programe.

**Reference**

1. In response to this office Fresh: e-NIT No. 23 OF 2022-23 NO/PHE/3025-45 Dated: 11-06-2022
02. Read with date Extension No: PHB/2080-2100 Dated: 23.05.2022
03. Read with date Extension No: PHB/2440-60 Dated: 28.05.2022
04. DJM /District Development Commissioner Anantnag's Authorization No: DDCA/JJM/2022-23/3858-60 Dated: 30.07.2022 & No/DDCA/DJM/9413 Dt: 04.11.22
05. Superintending Engineer Hyd.Circle Anantnag's Authroization Letter No: SE/Hyd/4590 Dated: 03.08.2022
06. Chief Engineer Kmr.PHE Department Srinagr's letter No: CE/PHE/MC/DB/13745-83 Dated: 26.07.2022
07. Letter of intent NO/PHB/16581-91 Dt: 11.02.2023

Sl.No	Description of Work / Item(s)	Qty	Units	Estimated Rate	Amount
1	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.				
2	All kinds of soil				
3	Ordinary Rock	108.10	Cum	539.35	58304
4	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material:	162.15	Cum	855.65	138744
5	All kinds of soil				
6	Ordinary Rock	3.40	Cum	81.65	278
7	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed ( 1 meter from cutting edge )	5.10	Cum	146.45	747
8	All kinds of soil				
9	Ordinary Rock	1501.87	Cum	436.00	654815
10	Providing and laying of dry stone soling tightly hand packed on horizontal levels.	2098.24	Cum	841.60	1765879
11	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:	28.13	Cum	1320.00	37132
12	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 4) mm nominal size)				
13	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	28.20	Cum	4861.62	137098
14	Providing and laying in position specified grade of reinforced cement concrete	110.63	Cum	6465.20	715245
15	1:1 1/2:3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20 mm nominal size)				
16	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.	18.19	Cum	7800.76	141896
17	1:1 1/2:3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20 mm nominal size)				
18	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 centering, shuttering, finishing and reinforcement with	40.14	Cum	9408.14	377643
19	1:1 1/2:3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20 mm nominal size)				
20	Reinforced cement concrete work in arches, arch ribs, 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 1:1 1/2:3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20 mm nominal size)	1.32	Cum	9849.35	13001
21	Centering and shuttering including strutting, propping etc. and removal of form for:	5.85	Cum	10404.52	60866
22	Foundations, footings, bases of columns etc. for mass concrete.				
23	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc	437.93	Sqm	262.30	114869
24	Lintel, beams, plinth beams, girders, bressumers and cantilevers	291.20	Sqm	573.85	167105
25	Suspended floors, roofs, landings, balconies and access platforms.	13.57	Sqm	522.85	6824
		13.18	Sqm	635.60	8377

26	Arches, domes, vaults upto 6 m span	44.60	Sqm	2086.80	9300
27	Extra for arches, domes, vaults exceeding 6 m span	44.60	Sqm	1008.45	44977
28	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
29	Foundation	1.32	Sqm	52.46	69
30	Walls	27.25	Sqm	114.77	3127
31	Beams	2.71	Sqm	100.57	273
32	12mm Cement plaster finished with a floating coat of neat cement of mix:				
33	1: 3 (1 cement : 3 fine sand)	313.61	Sqm	378.13	118584
34	1: 4 (1 cement : 4 coarse sand)	225.00	Sqm	286.06	64362
35	1: 6 (1 cement : 6 fine sand)	47.43	Sqm	265.93	12613
36	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level				
37	Hot rolled deformed bars	4471.00	kg	87.18	389782
38	P/ F of 3 No. MS lid, 6 no. MS ventilators, 4 No. MS Ladders, sluice valves / Gate valves required, bends/ tees/ nipples required for connecting the structures with the supply/ intake mains incld welding charges if required at site complete job	1.00	JOB	90000.00	90000
39	P/ M of water proofing compound to cement concrete @ 1kg/50 kg Of cement.	254.30	kg	57.90	14724
40	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)	1180.00	kg	102.14	120525
41	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.	6147.00	kg	91.03	559561
42	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 25x25 mm made of G.I. wire of dia 3 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.	24.00	Sqm	1116.12	26787
43	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm 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	450.00	Sqm	806.85	363083
44	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
45	Two or more coats on new work				
46	Filling available excavated earth (excl. rock) in trenches plinth sides of foundation etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming & watering lead upto 50 m, & lift upto 1.5 m.	351.00	Sqm	121.95	42804
47	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	3154.42	Cum	198.70	626783
48	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket.	205.53	Qtls	245.55	50468
49	100 mm dia				
50	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.	236.00	Joints	89.70	21169
51	15 mm and 20 mm dia. G.I. pipes				
52	25 mm and 32 mm dia. G.I. pipes	2920.00	Mtr.	20.25	59130
53	40 mm and 50 mm dia. G.I. pipes	1300.00	Mtr.	30.65	39845
54	P/ f of 10mm thick MS flanges to the G I pipe , including cost of flanges, welding charges and L/F charges complete.	4900.00	Mtr.	40.80	199920
55	65 mm dia G.I pipe				
56	80 mm dia G.I pipe	357.00	Pairs	1200.00	428400
57	Providing / fixing of D.I/G.I bends ,Tees, Unions, Elbows, Nipples etc.	268.00	Pairs	1400.00	375200
58	100 mm dia D.I bends/tees				
59	80 mm dia G.I bends / tees	7.00	No.	1500.00	10500
60	65 mm dia G.I bends/ tees	7.00	No.	1200.00	8400
61	50 mm dia G.I bends/ tees	10.00	No.	900.00	9000
62	40 mm dia G.I unions	20.00	No.	800.00	16000
63	50 mm dia unions	20.00	No.	400.00	8000
64	65 mm dia unions	12.00	No.	500.00	6000
65	25 mm dia G.I unions	6.00	No.	650.00	3900
66	20/ 15 mm G.I unions	25.00	No.	300.00	7500
67	25/20/ 15 mm tees	60.00	No.	250.00	15000
68	40/25/20 mm elbows	110.00	No.	240.00	26400
69	bib cocks	120.00	No.	200.00	24000
70	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 :	20.00	No.	200.00	4000
71	15 mm to 40 mm nominal bore.				
72	Above 40 mm nominal bore	470.00	Rmt	99.75	46883
		200.00	Rmt	110.65	22130

73	Finishing walls with textured exterior paint of required shade on New work (two or more coats applied @ 3.28 ltr/10sqm) over and including base coat of exterior primer applied @ 2.20kg/10sqm	500.00	Sm	228.55	114275
74	By Mechanical Transport including loading, unloading and stacking				
75	100 mm dia D.I / G.I Pipes ( 35 kms)	1300.00	Rmt	12.04	15652
76	Below 100 mm G.I Pipes ( 35 kms)	46.15	MT	490.13	22619
77	Cement and Steel (32 Kms)	72.64	MT	463.62	33677
78	Sand, stone aggregate below 40 mm nominal size (32 Kms)	255.25	Cum	521.53	133119
79	Stone aggregate 40 mm nominal size and above ( 32 Kms)	25.38	Cum	566.88	14387
80	By Manual Labour including loading, unloading and stacking				
81	100 mm dia D.I / G.I Pipes ( 2000 m )	1300.00	Rm	19.33	25129
82	Below 100 mm G.I Pipes ( 600 m )	46.15	MT	469.55	21670
83	Cement (300 m )	58.30	MT	210.75	12287
84	Steel (300 m)	13.69	MT	452.69	6197
85	Sand, stone aggregate below 40 mm nominal size (300 m )	255.25	Cum	438.40	111902
86	Stone aggregate 40 mm nominal size and above ( 300 m )	25.38	Cum	473.94	12029
87	Stone Soling (300 m )	28.13	Cum	515.75	14508
				<b>Tentative Advertized Cost</b>	<b>8889000</b>

Add 4% of all items of work , but restricted for an amount of Rs: 87.24 Lacs as per the approved DPR

Say Rs: 87.24 Lacs

Rates & Qty Checked

Head Draftsman

Technical Officer

Executive Engineer  
Ajai Shakti PHE Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 87.24 Lacs Rupees Eighty Seven lac twenty four thousand only as per the approved General abstrat of the scheme
2	The work shall have to be completed within a period of 60 days from the date of issuance of this allotment order failing which penalty upto 10% of the total value of contract shall be imposed upon you.
3	Security performance deposited by you vide BG No: ACBNOV-BG479/888 Dated: 17.03.2023 Rs: 277000 - shall be released after successful completion of the work and expiry of defect clause.
4	<b>Client/Paying Authority:</b> The client/paying authority shall be the concerned Executive Engineer. Besides, the supervision of the various components of the work shall be carried out by the concerned Engineers of the Division/TPIQM consultants under the overall coordination of the concerned Superintending Engineer Hydraulic Circle/Executive Engineer/Assistant Executive Engineer
5	<b>Terms of Payment:</b> Payment can be claimed on a monthly basis subject to the amount of bill being proportionate to the value of work viz a viz completion period within a variation of -5%.
6	<b>Warranty:</b> The firm shall be bound for satisfactory performance of works for 18 months after the successful commissioning of subject work. If during warranty period any malfunctioning/ defects arise, the firm /joint venture shall have to rectify the same within a period of ten days of receipt of intimation. In case of any failure on the part of the firm/joint venture to remove the defect, the Department may get the defects removed/ repaired by any other agency and cost thereof shall be recovered from the firm / joint venture and shall be recommended for further punitive action as governed under the relevant clause of the contract including blacklisting.
7	<b>Trial Run:</b> After testing and commissioning of work, the bidder will have to make a trial run of the work for a period of 03 months during which the bidder will have to operate and maintain the executed work to the full satisfaction of the Department.
8	<b>Defects Liability Period (DLP):</b> The defects liability period shall be for a period of 12 Months which shall commence after the successful completion of Trial run. The bidder shall be responsible to make good & remedy at his own expense any defect in works which is noticed during the DLP. In case any defect remains unattended by the firm at the completion of DLP, the department may extend the DLP for such time as deemed fit for getting the defect rectified subject to a maximum ceiling of 6 Months.
9	<b>Liquidated damages (LD)</b> In the event of allottee failing, declining, neglecting or delaying the supplies / works or in the event of any damage occurring or being caused by the allottee or in the event of any default or failure by the allottee in complying with any of the terms and conditions of the contract, the Department shall with or without prejudice to any other remedies available to it under any law for the time being enforce in the UT: a) Terminate the contract after 15 days notice and/or b) Recover the amount of loss caused by damage, failure or default, as may be determined by the department. and/or c) Recover the extra cost, if any, involved in allotting contract to other party and/or d) Impose Liquidated damages on account of delay beyond the schedule completion period to the tune of 0.5% of the delayed portion of contract every week but not exceeding 10% value of the contract and/or e) Enforce the performance security and blacklist the firm
10	<b>Force Majeure:</b> Any failure or commission to carry out the provision of the contract shall not give rise to any claim by the department or bidder one against the other if such failure of commission arises from the 'ACT OF GOD' which shall include all natural calamities such as fires, floods, earthquake, hurricane, strikes, riots, embargoes or from any political or other reasons beyond the control of the parties including war, or a state of insurgency.
11	<b>Specifications of job:</b> Tenderer/s must execute the works as per the requirements/specifications detailed in the relevant/applicable IS code/s
12	<b>Bidder Dying, Becoming Insolvent Or Imprisoned:</b> in the event of the death or insanity or insolvency or imprisonment of the bidder or where the bidder being a partnership or firm becomes dissolved or being corporation goes into liquidation, voluntary or otherwise, the contract may, in the option of the Engineer-in-charge, be terminated by notice in writing posted at the site of the works communications/ instructions
13	<b>Safety of Govt. Infrastructures:</b> The bidder should ensure the safety of the water supply lines, sewer lines, telephone cables, power cables, storm water drains etc., pipe laying alignment and, if any damage occurs during execution it should be attended immediately at the cost of the bidder. Failing to attend immediately, the same will be got done by the Department at the risk and cost of the allottee.
14	<b>Allottee's risk and Insurance:</b> All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract are the responsibility of the Bidder.

15	<b>Work under Bidders Charge:</b> From the commencement of the work to the completion thereof the same shall be under the bidders charge. The bidder shall be held responsible for and make good any loss or injuries by fire or other causes / theft and shall hold the Government harmless for any claims for injuries to persons or damage to property happening from any neglect, default, want of proper care and misconduct on the part of the bidder, or any of his employees, during the execution of work. The bidder shall be responsible for the compensation if any, to labour under the existing labour laws of the country.
16	<b>Setting Out of Works:</b> The bidder shall be responsible for the time and proper setting out of all the works and for the correctness of the positions, levels, dimensions and alignment of all parts of the works and for the provision of all necessary instruments, appliances and labour in connection therewith.
17	<b>Labour:</b> The bidder shall make his own arrangements for the engagement of all types of the labour, required for the execution of the job. No workman below the age of 18 years shall be employed on the works. Also the bidder shall comply with the provisions of all labour laws and the rules framed there under.
18	<b>Storage at Site:</b> The bidder shall at his own cost make arrangements for proper storage especially towards Rain and Snow damages of the equipment/ materials at sites till its erection/completion. For the purpose the bidder shall, with the approval of Engineer in charge construct temporary storage accommodation for equipment/ material at site for which land shall be provided by the department near the site of work.
19	<b>Watch &amp; Ward of Works:</b> The bidder shall in connection with the work provide and maintain at his own cost all lights, guards, fencing and watching, when and where necessary or required by the Department for the protection of the work or safety and convenience of the Public etc.
20	<b>Final Acceptance:</b> The equipment/work shall be accepted by the Department only after the system has been tested and has performed satisfactorily in all respects, at site, in accordance with the provisions of the contract.
21	<b>Cleaning Up:</b> On completion of the works the bidder shall clear away, load into trucks or any other transport and remove from the site all constructional plant, surplus materials, dismantled or otherwise, earth and rubbish and temporary works of every kind and leave the whole of the site and works clean and in a workmanship condition, to the satisfaction of the Department.
22	<b>Power and Water Supply:</b> The bidder/firm shall make his own arrangement, at his own cost, for all lines, individual power points, etc. to the machinery and plant required by him for the erection, testing and commissioning of the equipment ordered on him. The bidder shall pay for all electrical energy consumed by him for this purpose at the prevalent electricity tariff in J&K State. Such charges shall be paid by the bidder/firm directly to the Power Corporation and the bidder's final bill shall be settled only after he gets a no outstanding certificate from the concerned Electric Division. The Division shall not be responsible, and the bidder shall have no claim whatsoever for any interruption in power supply or voltage fluctuation or total cut off at the site. The bidder/firm must provide an alternative source of power, at his own cost, at the site for completion of the work. The bidder shall make his own arrangements for water to be used for the execution/Hydro-testing/ water tightness Test/ Curing, labour colony, Site Office etc.
23	<b>Agreement:</b> As soon as letter of award is communicated to the firm, the contract shall be complete and binding upon them, the bidder/firm shall also be required to execute an agreement with the competent authority within seven days from the date of issue of letter of award. Failure to execute such an agreement in time shall not however, prevent this contract from being enforced against the firm and the date of delivery of the material/completion of works shall be reckoned from the date of issue of the letter of award in favour of successful firm.
24	<b>Tender quantities:</b> <u>The advertised quantities in the tender documents are tentative and subject to increase or decrease, depending upon actual requirement at site as per the design and other considerations. The successful bidder shall have no claim/ reservation on this account and the decision of the department shall be final and binding.</u>
25	<b>Third Party Monitoring:</b> The allotted works shall be subject to check by the third party monitoring agency (TPIQM) appointed by the Department. The agency shall check the quality of works executed by the agencies, quality of materials used for construction and quality of machinery installed in each scheme. The TPIQM's role shall be that of an assistant to the Employer's Representative for the purpose of monitoring and evaluation of the performance of the Contract during the Contract Period.
26	All other terms and conditions as laid down in form No.25 of P.W.D. shall remain in force and binding on successful tenderer.

Copy to the :-

- 1 Chief Engineer Kmr PHE Department Srinagar for favour of Information please.
- 2 District Dev. Commissioner Anantnag for favour of Information please
- 3 Superintending Engineer Hyd. Circle Anantnag for favour of Information
- 4 Assistant Executive Engineer PHE Sub - Division Pahalgam for Information & necessary action. He will ensure the completion of work within the stipulated time period and strictly in accordance with approved proposals, besides the amount of work does not exceed beyond the provision of allotment/Approved DPR in any case for which he shall be personally responsible and also circular circulated by Chief Engineer Kmr PHE Department vide endorsement No/CE/JSD/PS/40758-96 Dated: 03.02.2023.
- 5 Technical Officer Divisional Office for Information

  
 Executive Engineer  
 J&K PHE Division Bijbehara